

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-39646	
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME -----	
2. NAME OF OPERATOR Exxon Corporation			7. UNIT AGREEMENT NAME Buffalo Canyon Unit (Pending)	
3. ADDRESS OF OPERATOR P. O. Box 1600, Midland, TX 79702			8. FARM OR LEASE NAME Buffalo Canyon Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1188' FEL & 1485' FSL of Section At proposed prod. zone			9. WELL NO. 1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 45 miles South from Heber City			10. FIELD AND POOL, OR WILDCAT Wildcat	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1188' to lease line 132' drlg line			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 13, T5S, R12W	
16. NO. OF ACRES IN LEASE 2560			12. COUNTY OR PARISH Wasatch	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE Utah	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None			19. PROPOSED DEPTH 17,000+	
20. ROTARY OR CABLE TOOLS Rotary			21. APPROX. DATE WORK WILL START* March 20, 1982	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) 8816' GR			23. APPROX. DATE WORK WILL START* March 20, 1982	

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94.0#	200'	500 sx
17 1/2"	13 3/8"	54.5, 68#	3000'	2300 sx
12 1/4"	9 5/8"	40, 47#	13000'	2400 sx
8 3/4"	7 5/8"	26.4#	15500'	750 sx
6 1/2"	5"	18#	17000'	600 sx

A request for approval of an unorthodox location due to topography is being made to the Utah Department of Natural Resources.

NOV 02 1981

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Edgar Runkel TITLE Unit Head DATE 10-30-81
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

P.O. BOX 654
GREEN RIVER, WYOMING
82935

TELEPHONE: (307) 875-3638

WILLIAM H. SMITH & ASSOCIATES
SURVEYING CONSULTANTS

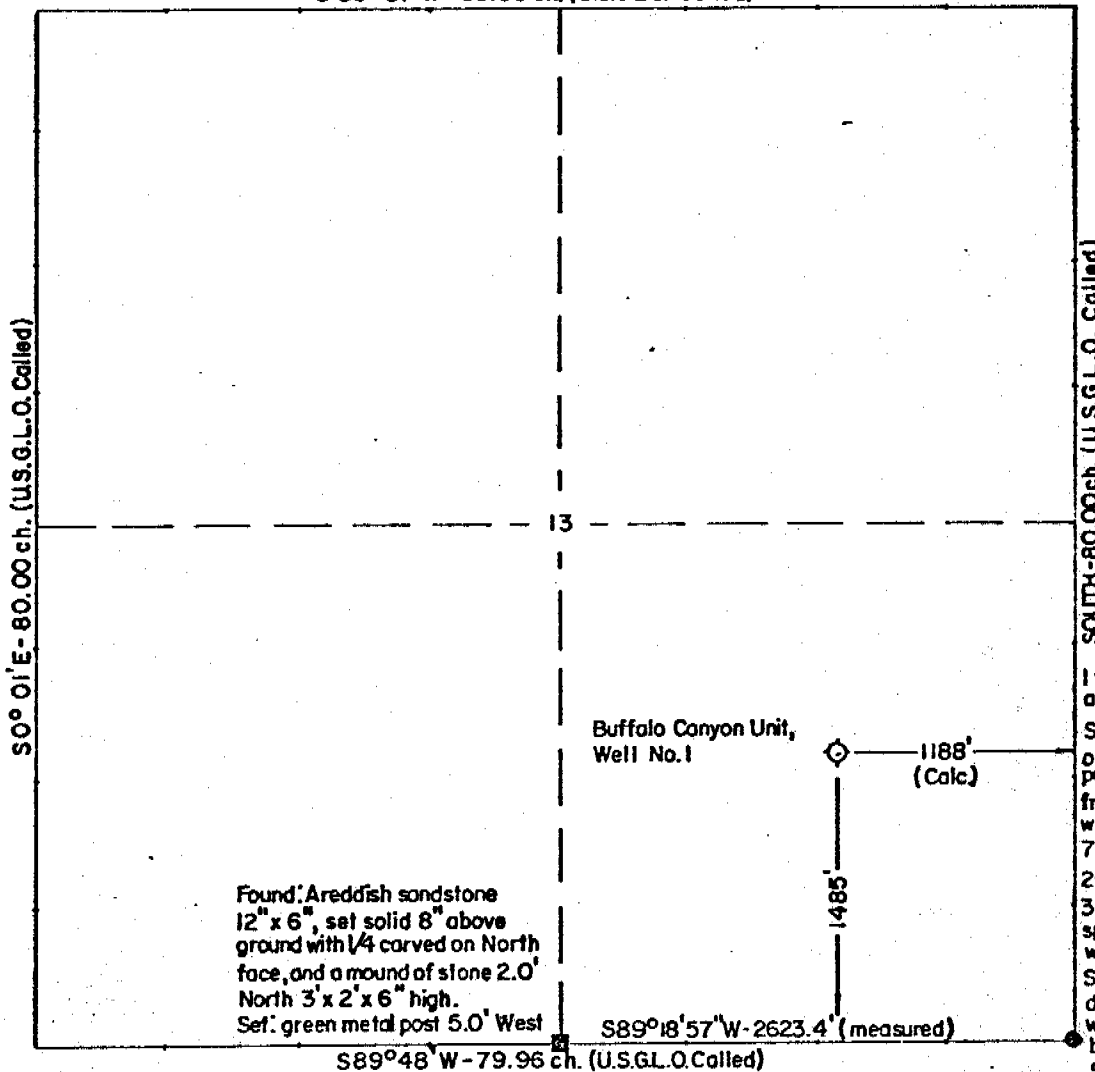
P.O. BOX 1300
MOAB, UTAH
84532

TELEPHONE: (801) 259-6861

T 5 S

R 12 W

S 89°57'W - 80.00 ch. (U.S.G.L.O. Called)



Scale: 1" = 1,000'

- Found Brass Cap
- Found Stone

NOTE: Orientation from solar observation.

I, William H. Smith of Green River, Wyoming hereby certify that in accordance with a request from Wendell Westerfeld of Midland, Texas for Exxon Company U.S.A. made a survey on the 10th day of October 1981 for location and elevation of the Buffalo Canyon Unit, Well No. 1. As shown on the above map, the wellsite is in the SE/4 of Section 13, Township 5 South, Range 12 West of the Uinta Special Meridian, Wasatch County, State of Utah. Elevation is 8818 feet ungraded ground. Datum USC&GS sea level as referenced to USC&GS control point Thistle top elevation of 9420.8'

Reference Point	North	400'	5/8" x 24" rebar 0.4' above ground (Typical)	Elevation top of rebar = 8893.8'
Reference Point	East	300'	(Typical)	Elevation top of rebar = 8786.3'
Reference Point	South	300'	(Typical)	Elevation top of rebar = 8821.4'
Reference Point	West	300'	(Typical)	Elevation top of rebar = 8792.4'

William H. Smith
UTAH R.L.S. NO. 2764

EXXON CORPORATION BUFFALO CANYON UNIT #1
Section 13, T5S, R12W
Wasatch County, Utah
Federal Lease No. U-39646

October 15, 1981

1. The geologic name of the surface formation is: Tertiary - Uinta.
2. The estimated tops of important geologic markers are:

Tertiary - Uinta	Surface
Tertiary - Green River	1,500'
Tertiary - Wasatch	5,600'
Jurassic - Morrison	9,300'
Jurassic - Stump	9,550'
Jurassic - Preuss	9,900'
Jurassic - Twin Creek	11,650'
Jurassic - Nugget	13,100'
Triassic - Ankareh	14,150'

3. The estimated depths at which anticipated oil, water, gas or other mineral bearing formations are expected to be encountered are:

Tertiary - Wasatch	0-500'	Water
Jurassic - Preuss	9,900'	Salt
Jurassic - Twin Creek	11,650'	Oil
Jurassic - Nugget	13,100'	Oil

4. Proposed Casing Program:

<u>String</u>	<u>Size/Weight/Grade</u>	<u>Condition</u>	<u>Depth Interval</u>
Conductor	20"/94#/H-40	New	0- 200
Surface	13-3/8"/54.5#, 68.0#/K-55	New	0- 3,000
Intermediate	9-5/8"/40.0#, 47/K-55, L-80	New	0-13,000
Intermediate Liner	7-5/8"/26.4#/K-55	New	12,500-15,500
Production Liner	5"/18#/N-80	New	15,000-17,000
Tieback	5-1/2"/23#, 20#/L-80	New	0-15,000

5. Minimum specifications for pressure control:

A. Casinghead Equipment:

'A' Section	13-3/8" x 13-5/8" - 3000 psi
'B' Section	13-5/8" - 3000 psi x 11" - 5000 psi
Tubinghead	11" - 5000 psi x 7-1/16" - 10,000 psi
Tubinghead Adapter	7-1/16" - 10,000 psi x 2-9/16" - 10,000 psi
Tree	2-9/16" - 10,000 psi

B. Blowout Preventer - Refer to the attached drawings:

<u>Interval</u>	<u>Stack/WP</u>
0- 3,000	Type V
3,000-13,000	Type II-B - 3000 psi
13,000-17,000	Type III-A - 5000 psi

C. BOP Control Unit - hydraulically controlled with a control station for each preventer.

D. Testing: Type II-B and III-A BOP's will be tested to 300 psi and to at least 3000 psi and 5000 psi respectively upon installation. The II-B and III-A BOP's will also be tested weekly to 2100 psi and 3500 psi respectively.

6. Type and anticipated characteristics of drilling fluid:

<u>Depth Interval</u>	<u>Mud Type</u>	<u>Weight</u>	<u>PV</u>	<u>YP</u>	<u>pH</u>
0- 200	FW Spud Mud	----	Uncontrolled	-----	
200- 2,000	FW	8.5-8.8	5-10	10-15	10
2,000-10,000	FW	8.8-9.0	5-12	15-20	10.5
10,000-TD	FW	9.0-9.5*	5-15	15-25	10.5

*May have to salt up and increase mud weight if massive salt zone is encountered at ± 9900'.

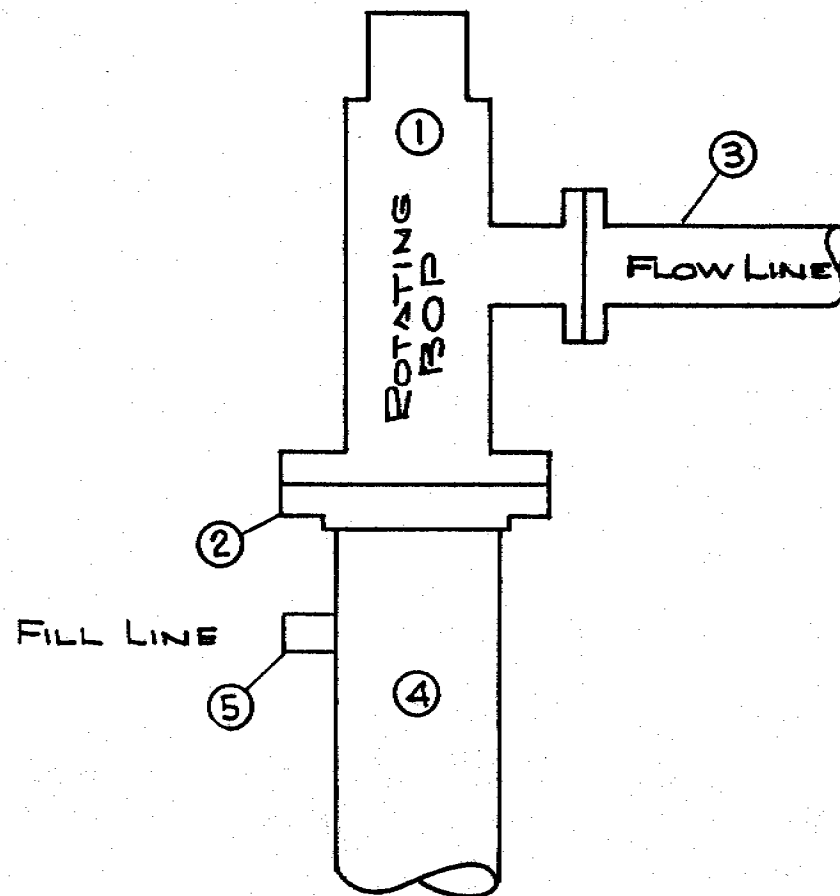
Mud weight and viscosity will be maintained at minimum levels compatible with operating conditions. Not less than 200 sacks of barite will be stocked on location to raise mud weights if necessary.

7. Auxiliary equipment to be used:

- A. Kelly Cocks: Upper and lower installed on kelly.
- B. Safety Valve: Full opening ball type to fit each type of drill pipe in use. These will be available on rig floor in open position for stabbing into drill pipe when kelly is not in string.
- C. Pit volume totalizer to monitor fluid levels in the mud pits.
- D. Trip tank to insure that hole is full and for monitoring hole behavior on trips.

8. The testing and logging program to be followed:
 - A. Drill Stem Test (based on shows) - Two each are planned for Twin Creek and Nuggett formations.
 - B. Logs - GR/DIL/BHC-S/FDC/Dipmeter/SRS - from surface casing to TD.
 - C. Cores - None planned.
 - D. Mud Logger - surface casing to TD.
 - E. Stimulation - At this time stimulation plans have not been worked out to the point that volumes and types of fluid or positioning of equipment can be given. As necessary this information will be supplied on Sundry Notices.
9. No abnormal pressure or H_2S is expected. Maximum bottomhole temperatures is expected to be approximately 250°F.
10. Drilling operations are planned to begin on or before 4-30-82 and drilling operations are expected to end on or before 11-25-82.

MIDLAND DRILLING ORGANIZATION
BLOWOUT PREVENTER SPECIFICATION
TYPE V



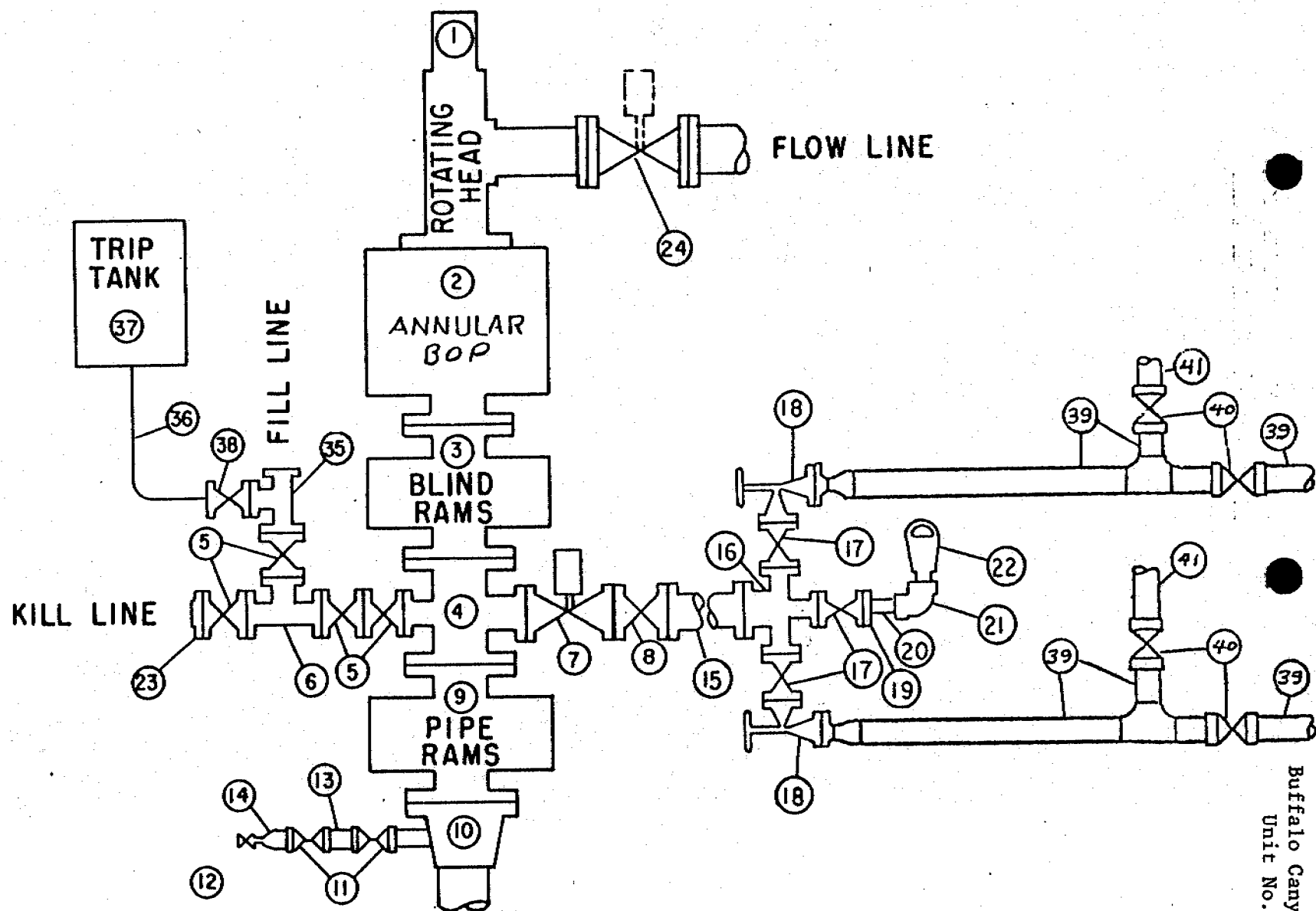
EQUIPMENT FOR FLOW DIVERSION

1. ROTATING TYPE BOP
2. SLIP-ON OR THREADED FLANGE
3. FLOWLINE
4. CONDUCTOR PIPE
5. COUPLING WELDED TO CONDUCTOR

MIDLAND DRILLING ORGANIZATION

BLOWOUT PREVENTER SPECIFICATION

TYPE II - B



8-1

Rev. 11-1-77

Buffalo Canyon
Unit No. 1

BLOWOUT PREVENTER SPECIFICATION
EQUIPMENT DESCRIPTION

TYPE II-B

All equipment should be at least 3000 psi WP or higher unless otherwise specified.

1. Rotating BOP.
2. Hydril or Shaffer bag type preventer.
3. Ram type pressure operated blowout preventer with blind rams.
4. Flanged spool with one 4-inch and one 2-inch (minimum) outlet.
5. 2-inch (minimum) flanged plug or gate valve.
6. 2-inch by 2-inch by 2-inch (minimum) flanged tee.
7. 4-inch pressure operated gate valve.
8. 4-inch flanged gate or plug valve.
9. Ram type pressure operated blowout preventer with pipe rams.
10. Flanged type casing head with one side outlet (furnished by Exxon).
11. 2-inch threaded (or flanged) plug or gate valve (furnished by Exxon).
Flanged on 5000# WP, threaded on 3000# WP or less.
12. Needle valve (furnished by Exxon).
13. 2-inch nipple (furnished by Exxon).
14. Tapped bull plug (furnished by Exxon).
15. 4-inch flanged spacer spool.
16. 4-inch by 2-inch by 2-inch by 2-inch flanged cross.
17. 2-inch flanged plug or gate valve.
18. 2-inch flanged adjustable choke.
19. 2-inch threaded flange.
20. 2-inch XXH nipple.
21. 2-inch forged steel 90° Ell.
22. Cameron (or equal.) threaded pressure gage.
23. Threaded flange.
24. 6-inch manual or pressure operated gate valve.
35. 2-inch flanged tee.
36. 3-inch (minimum) hose. (Furnished by Exxon).
37. Trip tank. (Furnished by Exxon).
38. 2-inch flanged plug or gate valve.
39. 2-1/2-inch pipe, 300' to pit, anchored.
40. 2-1/2-inch SE valve.
41. 2-1/2-inch line to steel pit or separator.

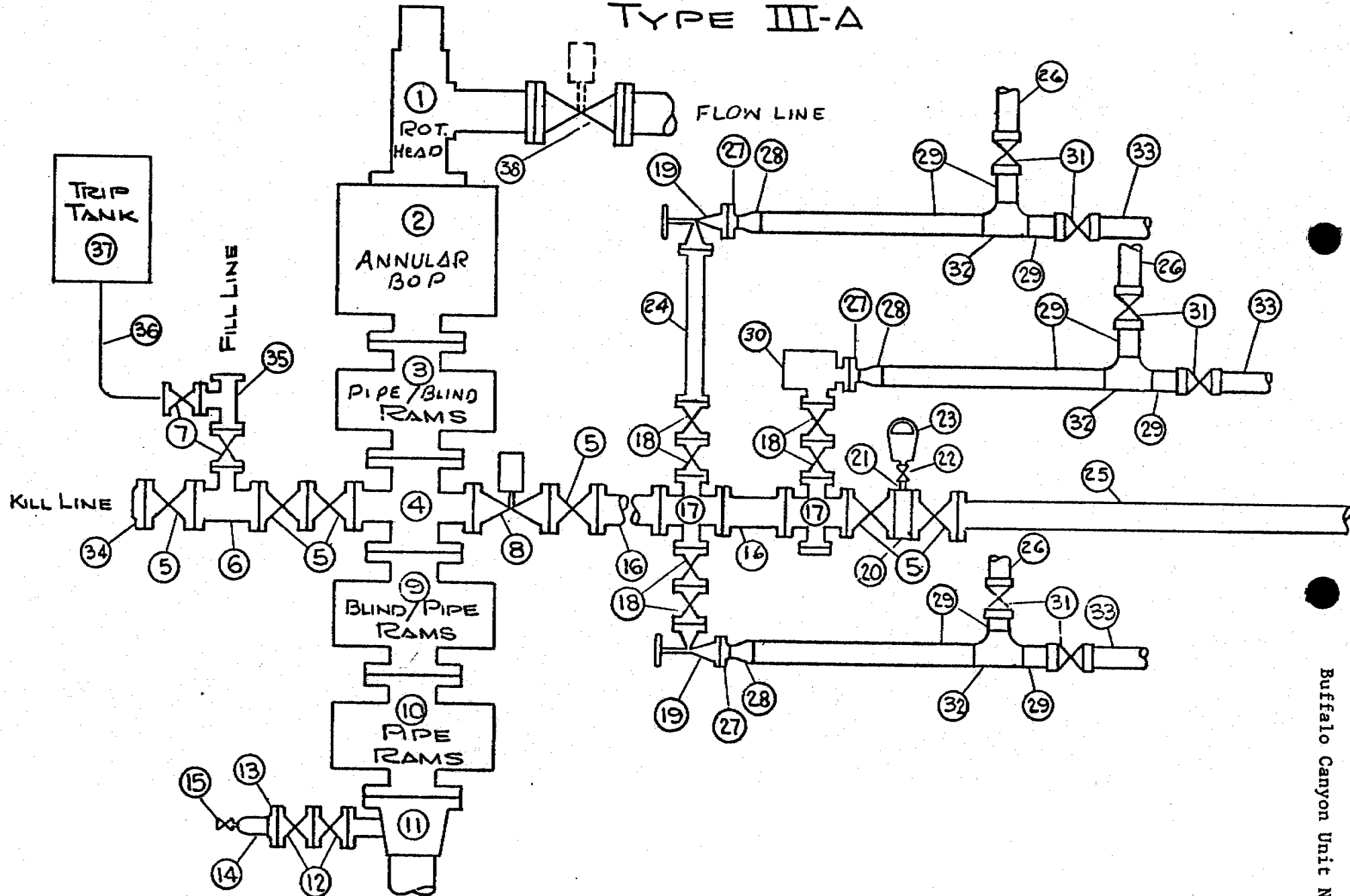
NOTES:

1. Items 3, 4 and 9 may be replaced with double ram type preventer with side outlets between the rams.
2. The two valves next to the stack on the fill and kill line to be closed unless drill string is being pulled.
3. Kill line is for emergency use only. This connection shall not be used for filling.
4. Replacement pipe rams and blind rams shall be on location at all times.
5. Only type U, LWS and QRC ram type preventers with secondary seals are acceptable for 5000 psi WP and higher BOP stacks.
6. Type E ram-type BOP's with factory modified side outlets may be used on 3000 psi and lower WP BOP stacks.

MIDLAND DRILLING ORGANIZATION

BLOWOUT PREVENTER SPECIFICATION

TYPE III-A



TYPE III-A

All equipment shall be at least 5,000 psi WP or higher unless otherwise specified.

1. Rotating type BOP, 3,000 psi minimum WP.
2. Hydril or Shaffer bag type preventer.
3. Ram type pressure operated preventer with pipe rams. Use large size pipe rams when drilling with a tapered string. Use blind rams when drilling with a tapered string and formation is overbalanced.
4. Flanged spool with two 4-inch side outlets.
5. 4-inch flanged plug or gate valve.
6. 4-inch flanged tee.
7. 4-inch flanged plug or gate valve.
8. 4-inch flanged pressure operated gate valve.
9. Ram type pressure operated preventer with blind rams. Use small size pipe rams when drilling with a tapered drill string.
10. Ram type pressure operated preventer with pipe rams. Use large size pipe rams when drilling with tapered string.
11. Flanged type casing head (furnished by Exxon).
12. 2-inch flanged plug or gate valves (furnished by Exxon).
13. 2-inch threaded flange (furnished by Exxon).
14. 2-inch tapped bull plug (furnished by Exxon).
15. Needle valve (furnished by Exxon).
16. 4-inch flanged spacer spool.
17. 4-inch by 2-inch flanged cross.
18. 2-inch flanged plug or gate valve.
19. 2-inch flanged adjustable choke. Replace with flanged 2-inch tee if a remote controlled choke is installed downstream.
20. 4-inch x 4-inch spacer flange w/1-inch tap.
21. 1-inch x 4-inch XXH nipple.
22. 1-inch valve.
23. Cameron (or equal.) 0-6000 psi gage.
24. 2-inch flanged spacer spool.
25. 6-inch or 4-inch pipe, 300' to pit, anchored.
26. 2-1/2-inch line to separator.
27. 2-inch weld neck flange.
28. 2-1/2-inch x 2-inch sch. 80 concentric weld reducer.
29. 2-1/2-inch pipe.
30. Pressure operated adjustable choke (furnished by Exxon).
31. 2-1/2-inch S.E. gate valve.
32. 2-1/2-inch tee.
33. 2-1/2-inch pipe, 300' to pit, anchored.
34. 2-inch threaded flange (EUE) or weld neck flange w/Weco Fig. 1502 2" 15,000 psi free flow buttress weld wing union.
35. 4-inch flanged tee.
36. 3-inch (minimum) hose. (Furnished by Exxon).
37. Trip tank. (Furnished by Exxon).
38. 6-inch 3,000 psi minimum WP manual or pressure operated gate valve.

NOTES:

1. Items 9 and 10 may be replaced with double ram type preventer. Any side outlets shall be double valved or blind flanged.
2. Only type U, LWS and QRC ram type preventers with secondary seals are acceptable.
3. The two valves next to the stack on the kill and fill line to be closed unless string is being pulled.
4. Kill line is for emergency use only. This connection shall not be used for filling.
5. Replacement rams for each size drill pipe in use and blind rams shall be on location at all times.

SURFACE USE PLAN

Exxon Corporation #1 Buffalo Canyon Unit
1188' FEL & 1485' FSL of Section 13, T5S, R12W
Federal Lease No. U-39646, Wasatch County, Utah

1. EXISTING ROADS - Area Map, Exhibit "A" is a portion of the Strawberry Reservoir SW quadrangle map and Exhibit "B" is a reproduction of a portion of the Uinta National Forest Travel Plan/Recreation Guide
 - A. Exhibit "A" shows the proposed well site as staked.
 - B. From Heber City, Utah, go southeasterly on Highway 40, 23 miles to a new paved road on the right. Follow paved road 4.75 miles. Turn right on a paved road and follow it for 4.6 miles until the pavement ends. Continue on the gravel road 6.55 miles, pass the old Exxon Strawberry Reservoir location, and proceed southerly an additional 4.9 miles on the gravel and dirt road. Go westerly along Buffalo Canyon 1.3 miles, over which a new road is proposed to the location.
 - C. Approximately 1.3 miles of new road will be constructed as shown on Exhibit "A" from Point "B" to the location.
 - D. Existing roads are shown on Exhibit "B".
 - E. This is an exploratory well.
 - F. The existing gravel road up to Point "A" does not need any upgrading or improvement. However, from Point "A" to Point "B" the road will be improved and maintained as needed.
2. PLANNED ACCESS ROADS - Approximately 4.9 miles of road between Point "A" and Point "B" will be improved and maintained as needed. Approximately 1.3 miles of new road will be constructed from Point "B" to the location as shown on Exhibit "A".
 - (1) Width of the roadway will be approximately 14'.
 - (2) The maximum grade anticipated from the preliminary survey will be 10 percent.

(3) Turnouts will be constructed as necessary but not closer than 1000' intervals.

(4 & 5) Culverts will be installed where needed along the existing gravel and dirt road and also on the new road.

(6) The road will be surfaced with gravel where necessary.

(7) No cattleguards, gates, or fence cuts will be necessary.

(8) The new road is center-line flagged.

3. LOCATION OF EXISTING WELLS WITHIN TWO MILE RADIUS

(1) Water wells - none

(2) Abandoned wells - Shown on Exhibit "B" as drill hole

(3) Temporarily abandoned wells - none

(4) Disposal wells - none

(5) Drilling wells - none

(6) Producing wells - none

(7) Shut-in wells - none

(8) Injection wells - none

(9) Monitoring or observation wells for other resources - none

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

A. Within a 1-mile radius, the following existing facilities are owned or controlled by lessee/operator:

(1) Tank batteries - none

(2) Production facilities - none

(3) Oil gathering lines - none

(4) Gas gathering lines - none

(5) Injection lines - none

(6) Disposal lines - none

B. In the event of production, new facilities are shown on Exhibit "C".

- (1) Proposed location and attendant lines by flagging if off of well pad as shown. None.
- (2) Dimensions of facilities are shown.
- (3) Production facilities will be constructed on drillsite pad using gravel surface.
- (4) Equipment and pit will be fenced and flagged to protect livestock and wildlife.

C. Rehabilitation will be done on any disturbed areas no longer needed for operations after completion of the production facilities. This will consist of reshaping the existing surface and seeding as specified.

5. LOCATION AND TYPE OF WATER SUPPLY

- A. Water will be obtained from a water well drilled on the location pad as shown on Exhibit "C".
- B. If water is not encountered by a well, it will be hauled from an outside source by tank trucks over the proposed access roads.
- C. Application will be made for a Temporary Permit to Appropriate Water.

6. SOURCE OF CONSTRUCTION MATERIALS

- A. Pit run gravel or crushed gravel will be used where needed on the access or newly constructed road as shown on Exhibit "A".
- B. Gravel will come from Federal Lands of the Bureau of Reclamation.
- C. The gravel pit to be used is located in the NW 1/4 Section 15, T3S, R11W.
- D. No additional roads are needed to access the pit.

7. WASTE DISPOSAL

- (1) Drill cuttings will be disposed of in the reserve pit.
- (2) Remaining drilling fluids will be disposed of in a manner such that the reserve pit can be backfilled and restored during site restoration.

- (3) Water produced during tests will be disposed of in the reserve pit. Oil produced during tests will be stored in the test tanks until sold, at which time it will be hauled from site.
- (4) A 1000 gallon septic tank and drain field will be installed adjacent to the camp site to dispose of sewage.
- (5) Trash, waste paper and garbage will be contained in a trash pit fenced with a small mesh wire to prevent wind-scattering during collection and hauled away or buried; this pit is shown on Exhibit "C". Residue in this pit at completion of operations will be buried either within the pit or the reserve pit with at least 24" of cover.
- (6) When rig moves out, all trash and debris left at site will be either hauled away or buried at least 24" deep within 30 days unless ground freeze prevents burial.

8. ANCILLARY FACILITIES

- A. A camp will be located on the site pad as shown in Exhibit "C".

9. WELL SITE LAYOUT

1. Exhibit "D" shows proposed well site layout, cross sections, cuts and fills.
2. Exhibit "C" indicates the location of mud, reserve, burn and trash pits, pipe racks and living facilities,. Exhibit "D" shows the location of the soil material stockpiles.
3. Exhibit "C" shows the rig orientation, parking area and access road.
4. The reserve pit will not be lined unless extremely porous material is encountered making it necessary. The drill site pad and pit showing cuts and fills at the corner has been staked on the ground.

10. PLANS FOR RESTORATION OF SURFACE

1. Upon completion of the operation and burial of any trash and debris as previously stated, pits will be backfilled and leveled or contoured as soon as practical after drying time. Drillsite surface will be reshaped and topsoil will be distributed over the entire disturbed area.

2. When the well is abandoned, Exxon will rehabilitate the location site and that part of the road not required for future use as per Forest Service recommendations.
3. The reserve and other pits will be fenced until cleaned up and backfilled.
4. Any oil on pits will be removed or otherwise disposed of to U.S.G.S. - Forest Service approval.
5. Rehabilitation operations will start in the Spring after completion and be finished in the Fall to Forest Service specifications.

11. OTHER INFORMATION

1. Topography of the land is mountainous and the area is covered with native grasses and some timber.
2. The surface is owned by the Federal Government and is used principally for grazing.
3. There are no known archaeological, historical, or cultural sites in the area. There are no occupied dwellings in the area. Creeks and streams are shown on Exhibit "A".

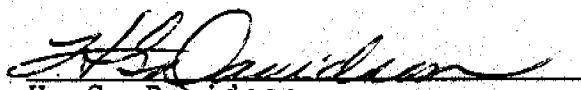
12. OPERATOR'S REPRESENTATIVE - Exxon's representative to contact regarding compliance with this Surface Use Plan is:

H. G. Davidson
P. O. Box 230
Midland, Texas 79702
Office Phone: (915) 685-9355
Home Phone: (915) 694-5324

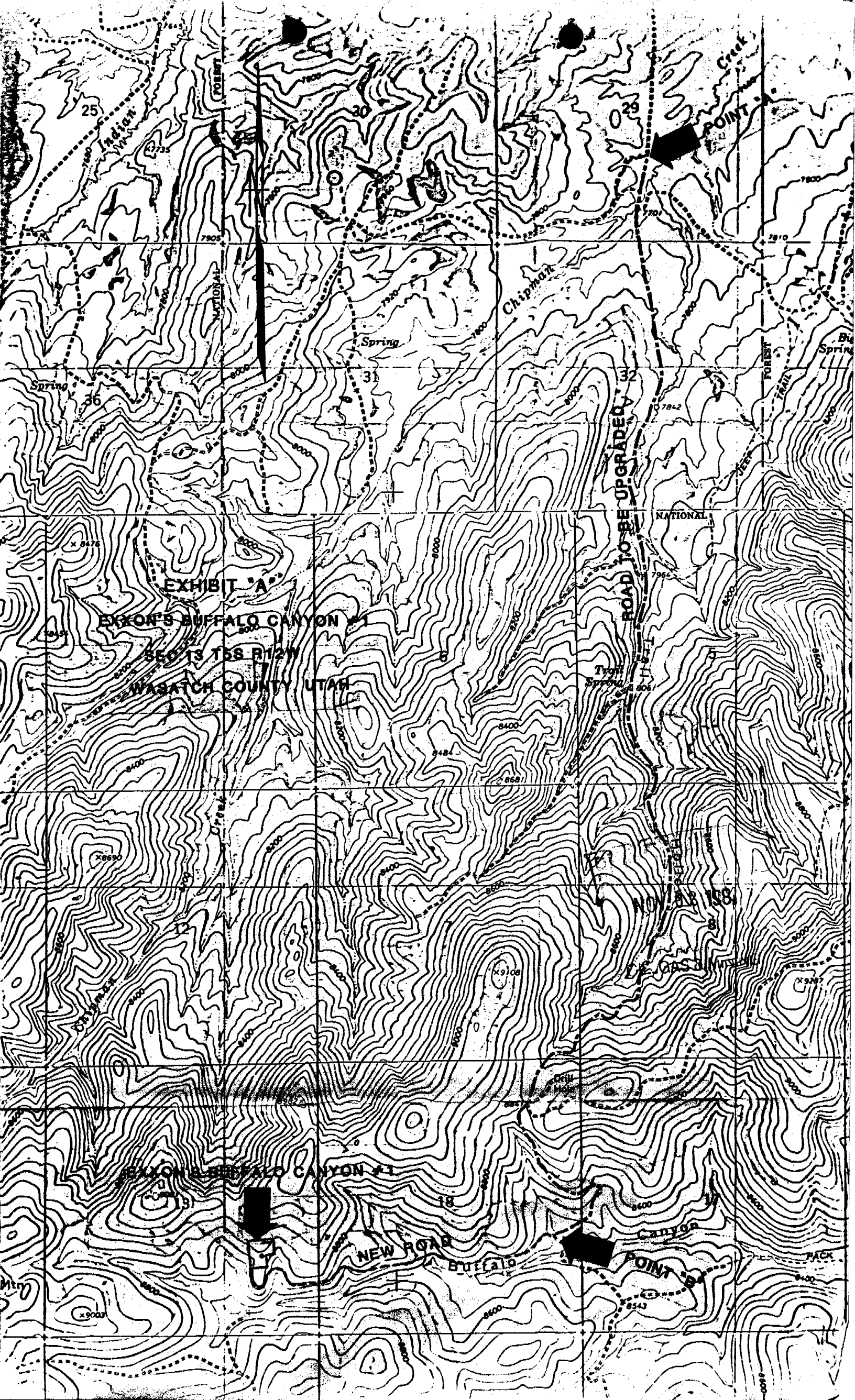
13. CERTIFICATION -

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by the Exxon Corporation and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Date: 23 October 1981


H. G. Davidson
Division Drilling Manager

For on-site inspection, contact:
Melba Knipling, 915/685-9406



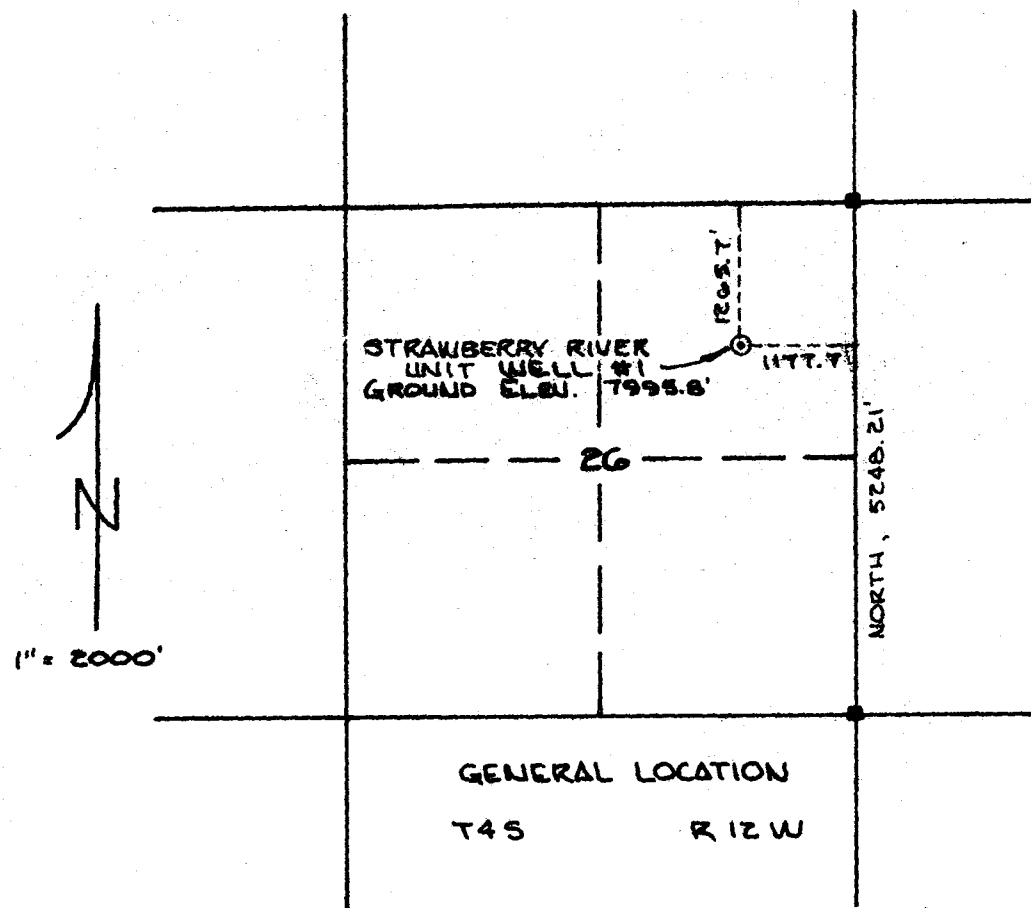
STRAWBERRY RIVER NE 1/4, SEC. 26 WASATCH CO

LEGEND

- WELL LOCATION
- ◇ FLARE PIT
- FOUND STONES

YARDAGE

CUT :	44,369	CU
FILL :	36,544	CU
SPOIL :	4,166	CU
TOPSOIL :	3,659	CU
PIT CAPACITY :	67,200	CU

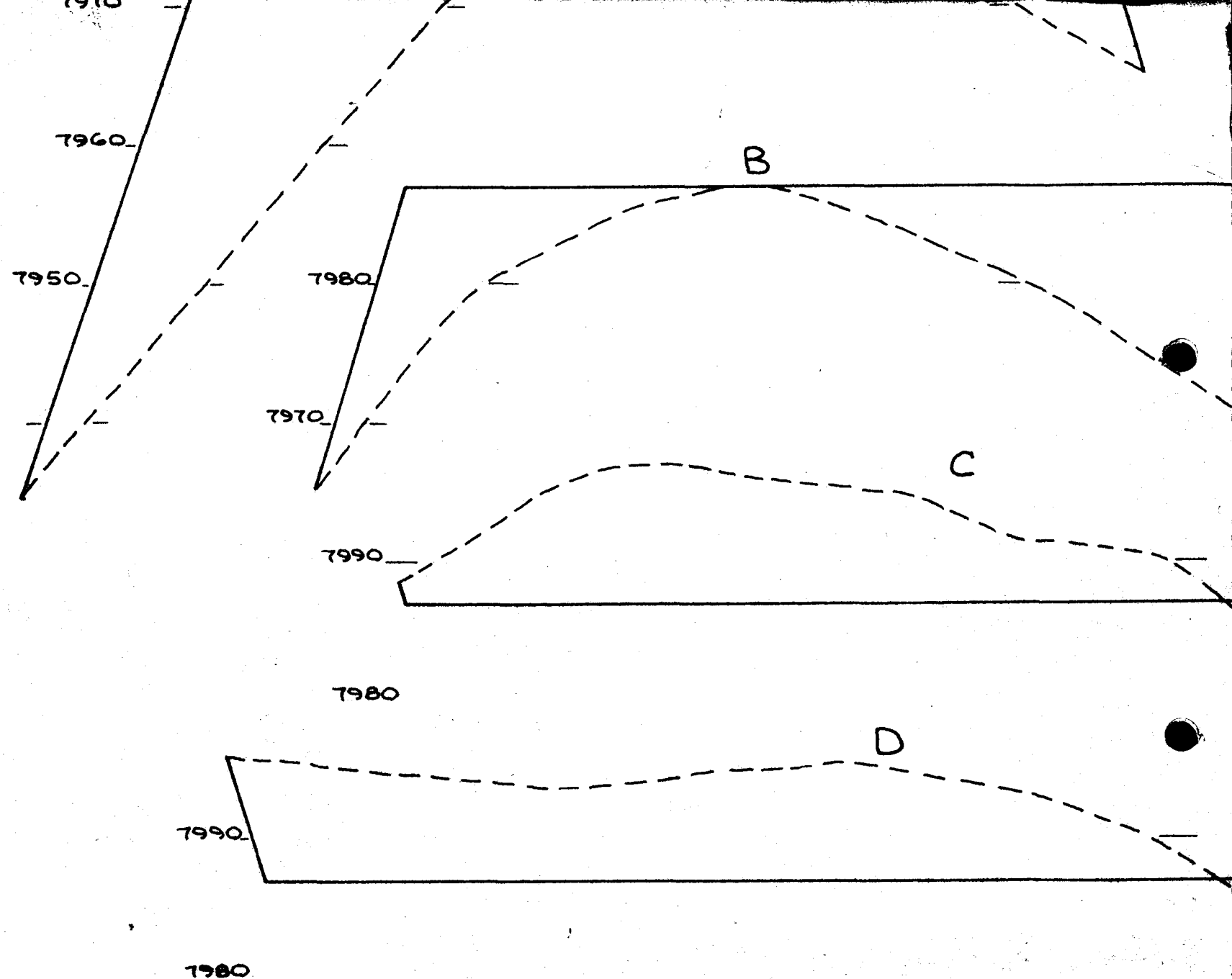


HORIZONTAL SCALE: 1" = 50'

7990

7980

A



SURVEY DATES: 4-17-80, 5-20-80, 5-22-80

AUTHORIZED BY: R.C. BUCKLEY

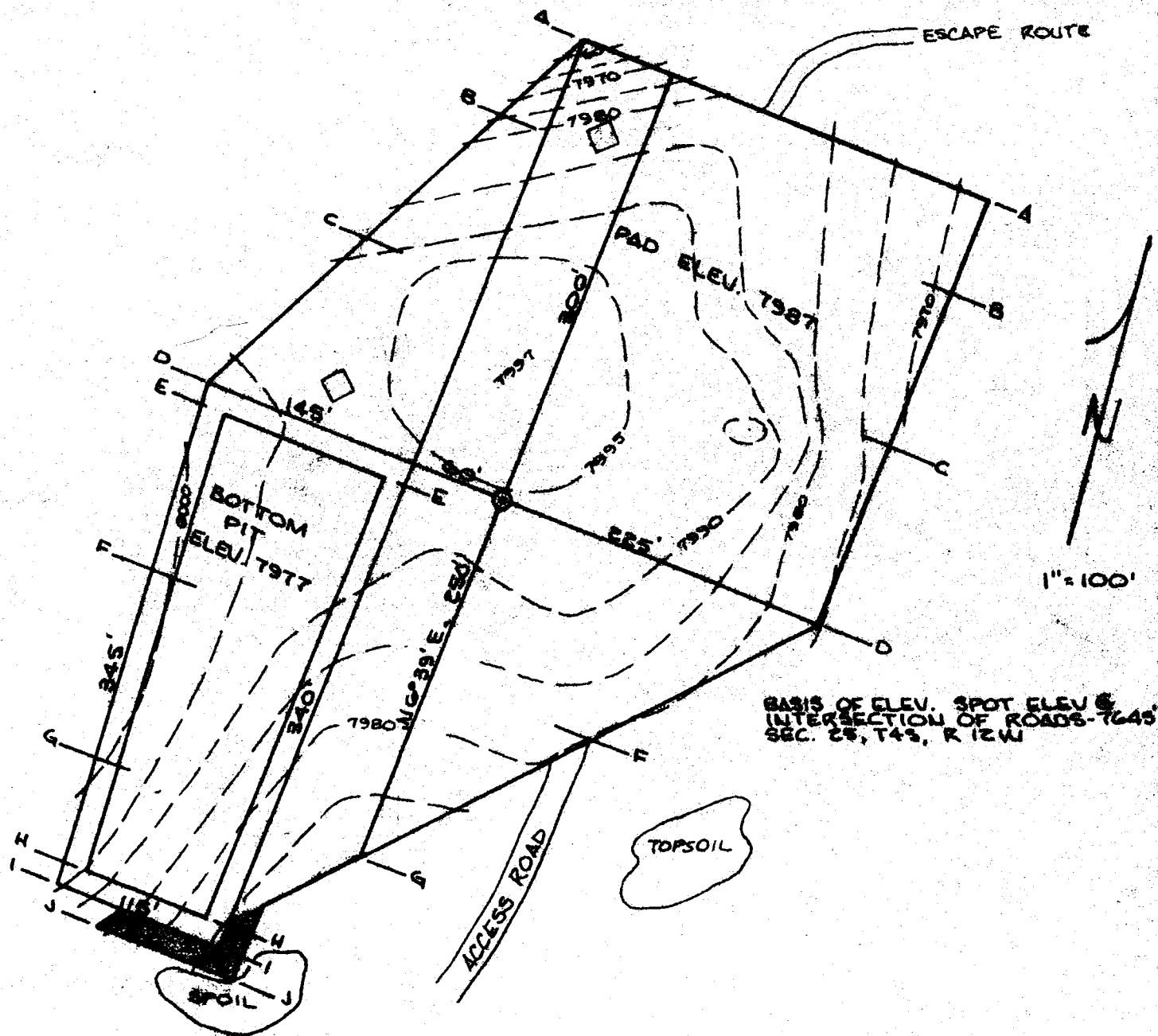
PAD CORNERS STAKED BY:

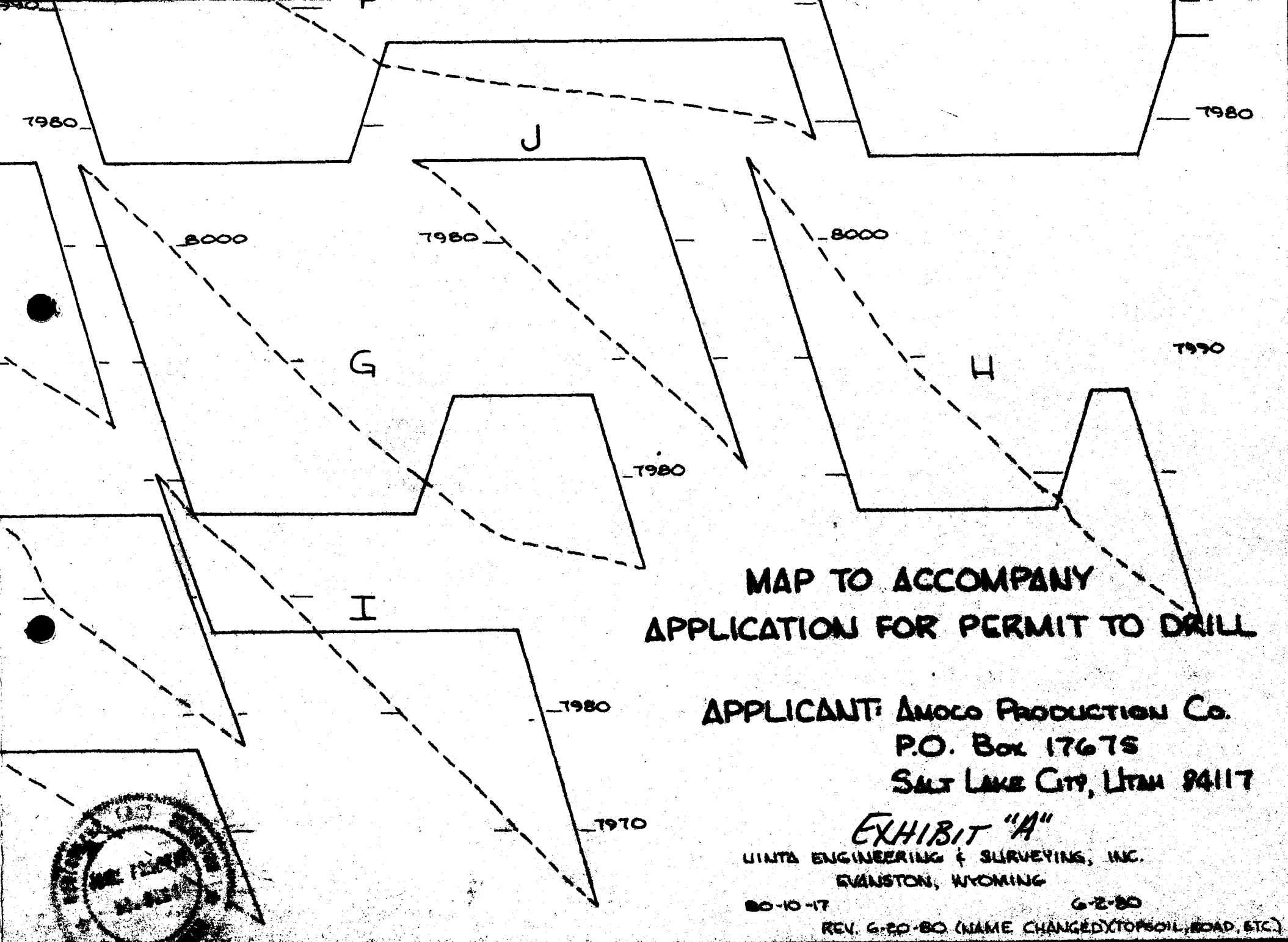
John A. Proffit 6/2/80
JOHN A. PROFFIT/ATA R.L.S. NO. 1860

ER UNIT WELL #1 2, T4S, R12W COUNTY, UTAH

1. yds.
 1. yds.
 1. yds.
 1. yds.
 9 BARRELS

VERTICAL SCALE: 1"=10'





**MAP TO ACCOMPANY
APPLICATION FOR PERMIT TO DRILL**

**APPLICANT: AMOCO PRODUCTION Co.
P.O. Box 17675
SALT LAKE CITY, UTAH 84117**

EXHIBIT "A"

**UNITA ENGINEERING & SURVEYING, INC.
EVANSTON, WYOMING**

80-10-17

6-2-80

REV. 6-20-80 (NAME CHANGED TO TOPSOIL, ROAD, ETC.)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL ☒ DEEPEN ☐ PLUG BACK ☐
 b. TYPE OF WELL
 OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

2. NAME OF OPERATOR
 Exxon Corporation

3. ADDRESS OF OPERATOR
 P. O. Box 1600, Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface 1188' FEL & 1485' FSL of Section
 At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 45 miles South from Heber City

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
 (Also to nearest drlg. unit line, if any) 1188' to lease line 132' drlg line
 18. DISTANCE FROM PROPOSED* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None
 16. NO. OF ACRES IN LEASE 2560
 19. PROPOSED DEPTH 17,000+

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 8816' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94.0#	200'	500 sx
17 1/2"	13 3/8"	54.5, 68#	3000'	2300 sx
12 1/4"	9 5/8"	40, 47#	13000'	2400 sx
8 3/4"	7 5/8"	26.4#	15500'	750
6 1/2"	5"	18#	17000'	600

A request for approval of an unorthodox location due to topography is being made to the Utah Department of Natural Resources.

RECEIVED
DEC 02 1981

DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Edgar Runkel TITLE Unit Head DATE 10-30-81

(This space for Federal or State office use)

PERMIT NO. WT Montano APPROVAL DATE FOR E. W. GUYNN DISTRICT OIL & GAS SUPERVISOR DATE NOV 27 1981

APPROVED BY WT Montano CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

FLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

1 Int 016

Identification No. 042-82

United States Department of the Interior
Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Exxon Corporation

Project Type Gas Well

Project Location 1188' FEL, 1485' FSL SEC 13 T5S, R12W, USM.

Well No. 1 Lease No. U-39646

Date Project Submitted 11/2/81

FIELD INSPECTION

Date WAIVED BY USFS & USGS

Field Inspection
Participants

SEE FIELD NOTES

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

11/18/81
Date Prepared

George J. Dzwachak
Environmental Scientist

I concur

NOV 18 1981
Date

W. P. Mauter
District Supervisor

FOR E. W. GUYNN
DISTRICT OIL & GAS SUPERVISOR

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
1. Public health and safety	1 (11-5-81) ↓						6		4,8
2. Unique charac- teristics	1						6		4,8
3. Environmentally controversial	1						6		4,8
4. Uncertain and unknown risks	1						6		4,8
5. Establishes precedents	1						6		
6. Cumulatively significant							6		4
7. National Register historic places	1								
8. Endangered/ threatened species	1								
9. Violate Federal, State, local, tribal law	1						6		4,8

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application for Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Recommended Stipulations*

EXXON
BUFFALO CANYON UNIT
#1
SEC 13, 55, 12W, USM
U-39646

RECOMMENDED STIPULATIONS
(INCLUDES ALL USFS STIPULATIONS)

1. IN ORDER TO PROTECT AND CULTURAL RESOURCES
OF THE AREA:

X A. ALL VEHICULAR TRAFFIC, PERSONNEL
MOVEMENT AND CONSTRUCTION WILL BE
CONFINED TO THE DRILL LOCATION AND
ACCESS ROADS.

X B. ALL PERSONNEL WILL REFRAIN FROM COLLECTING
INDIVIDUAL ARTIFACTS OR FROM DISTURBING
ANY CULTURAL RESOURCES IN THE AREA

X C. A QUALIFIED ARCHAEOLOGIST MUST BE CONSULTED
SHOULD CULTURAL REMAINS FROM SUBSURFACE
DEPOSITS BE EXPOSED DURING CONSTRUCTION
WORK OR IF THE NEED ARISES TO
RELOCATE OR OTHERWISE ALTER THE
CONSTRUCTION AREA

2. IF FRESH WATER IS FOUND IN THE PROPOSED WATER
WELL, AND IT IS ABANDONED, THE FOREST SERVICE
IS INTERESTED IN IT'S USE

3. APPROVAL FOR USE OF THE ROAD FROM U.S. HIGHWAY 40 TO THE
VINTA NATIONAL FOREST BOUNDARY IN TRAIL HOLLOW (SECS
+ 55, R 11W) MUST BE OBTAINED FROM THE U.S. BUREAU OF RECLAMATION

- 4 A U.S. Forest Service road use permit will be necessary for use of the 4.6 miles of road between the Forest boundary at section 5, T.5S., R.11W. U.S.M. and the leasehold. The permit must include road profile, horizontal alignment, typical road section and culvert construction drawings.
- 5 The new access road to be constructed will generally follow the route flagged at the onsite inspection. Realigned and constructed access roads will be limited to an 20 foot wide running surface; but not wider than needed. All road design and construction will follow guidelines agreed to in the U.S.F.S. road use permit. The Forest-Service will approve all culvert designs. Minimum culvert size is 18 inches diameter, but need to be large enough for expected high-water flow. Surfacing will be adequate to support the intended use for the life of the operation, but should be not less than four (4) inches of crushed-aggregate base or six (6) inches of pit run gravel.
- 6 The abandoned portions of the Trail Hollow and Buffalo Canyon roads will be obliterated (reshaped to original contour) and revegetated per Forest Service guidelines.
- 7 Snow removal will be accomplished to prevent: build-up on roadsides, erosion of road shoulders, and saturation of base. Snow will be removed to the downhill side of the road. Openings will be created periodically to allow water to move through the snowbanks, and off road. Spacing will depend upon road grade and terrain.
- 8 Trees removed to clear the access road will be marked by a Forest Officer. Tree limbs and stumps will be either removed from the Forest or piled and burned outside of the clearing limits. Tree bole (trunk) may be cut into 4-6 foot segments and piled next to roadway so it can be used for firewood and removed by the public.
- 9 All vehicles will stay on the work pad and road prism. Cross country travel or vehicle use outside of the construction limit will not be permitted.
- 10 A pilot car may be necessary when large rigs are being moved on Forest roads if there is public traffic.
- 11 Sufficient topsoil will be stockpiled to cover all disturbed areas at least 4 inches deep, unless bedrock is encountered, in which case 12 inches will be needed. If less than that is available, all topsoil will be stockpiled.

- 12 Garbage and all other solid wastes will be removed from the site and disposed of from the Forest at an approved area.
- 13 A berm will be constructed above all cut slopes to prevent any overland water flow from entering the drill pad.
- 14 The entire disturbed pad area will be graded so that any runoff, spills, or precipitation will drain into the reserve pit, or be retained on site.
- 15 The reserve pit will be constructed by total excavation. It will be dug to an adequate depth to hold runoff from the pad, about 30 inches of precipitation, and all drill mud and other effluents from the operation.
- 16 The reserve pit will be examined after construction by Exxon representatives, U.S. Geological Service and/or U.S. Forest Service to determine if lining is necessary.
- 17 If the reserve pit contents reach pit capacity, operations will cease until fluids can be removed to an appropriate disposal site.
- 18 While the reserve pit is drying out after completion of drilling operations, it will be fenced deer and elk tight. Fence specifications will be provided by U.S. Forest Service.
- 19 Prior approval from the District Ranger is required for water pumping stations, to use water from Trail Creek.
- 20 The company will obtain water rights and drilling permits necessary for their operation.
- 21 A cattleguard (Powder River U-80 or equivalent) will be installed on the access road at the fence crossing at the Forest boundary on Trail Hollow road. Existing cattleguard will be salvaged so that it may be picked up by U.S. Forest Service.
- 22 Upon rehabilitation, any materials from the pits that are contaminated with toxic pollutants or oils, will be removed from the Forest and disposed of in a proper site. Soil from toxic spill areas will also be removed in the same manner.
- 23 At the completion of operations, all excess drilling materials (bentonite, mud, raw dust, etc.) will be removed off Forest.
- 24 If the well is abandoned, the drill pad and access road will be restored to blend into the natural terrain.
- 25 Planting and seeding of the site, if abandoned, will be done with a Forest Service approved species mix, after topsoil and fertilizer have been applied.

26 A 16-16-8 fertilizer at a rate of 200 lbs. per acre will be applied for rehabilitation on all disturbed areas including road cut and fill slopes.

27 If the well is a producer, those areas not needed for production, will be regraded to natural contours and reseeded with a U.S.F.S. approved species.

28 The cut and fill slopes on the access road will be revegetated per Forest Service specifications.

29 After drilling operations are completed, the site will be fenced to exclude livestock. If the site is abandoned, the fence will be maintained for 5 to 6 years until it revegetates. If the well is a producer, the fence will be maintained for the life of the well.

30 If an economic field is discovered, development plans will be submitted to U.S.G.S. and U.S.F.S. in advance for review and approval.

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE

Heber Ranger District
P.O. Box 190
Heber City, Utah 84032

November 5, 1981
2820



Mr. E.W. Guynn
District Engineer
USDI Geological Survey
8440 Federal Building
Salt Lake City, Utah 84138

Attn: Mr. George Diwachak

RE: Buffalo Canyon Unit #1
SE $\frac{1}{4}$, Section 13, T.5S., R.12S., USM
Wasatch County, Utah
Lease No. U-39646 - Exxon Corporation

Dear Mr. Guynn

Our Interdisciplinary team performed "on site" review of the proposed well site on October 15, 1981. Exxon Corporation furnished us with copies of Form 9-331C with attachments. We do not believe an on-site inspection is necessary.

The operator's archeologist has provided us a copy of his report. "No cultural resource sites of any historic or prehistoric period were observed or recorded in the project area."

We recommend that a cultural resource clearance be granted to Exxon Corporation upon adherence to the following stipulations:

1. All vehicular traffic, personnel movement, and construction be confined to the locations examined and to access roads leading into these locations.
2. All personnel refrain from collecting individual artifacts or from disturbing any cultural resources in the area.
3. A qualified archeologist be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the construction area.

A water well will be drilled, we are interested in use of the well if usable fresh water is found and it is to be abandoned.

We have determined that there is no endangered Flora or Fauna in the area.

The U.S. Bureau of Reclamation has jurisdiction of the road from U.S.

Highway 40 to the Uinta Forest boundary in Trail Hollow (section 5, T.5S.,11W.); approval to use this road must be obtained from them.

The following is a list of our requirements:

A U.S. Forest Service road use permit will be necessary for use of the 4.6 miles of road between the Forest boundary at section 5, T.5S.,R.11W. U.S.M. and the leasehold. The permit must include road profile, horizontal alignment, typical road section and culvert construction drawings.

The new access road to be constructed will generally follow the route flagged at the onsite inspection. Realigned and constructed access roads will be limited to an 20 foot wide running surface; but not wider than needed. All road design and construction will follow guidelines agreed to in the U.S.F.S. road use permit. The Forest Service will approve all culvert designs. Minimum culvert size is 18 inches diameter, but need to be large enough for expected high water flow. Surfacing will be adequate to support the intended use for the life of the operation, but should be not less than four (4) inches of crushed aggregate base or six (6) inches of pit run gravel.

The abandoned portions of the Trail Hollow and Buffalo Canyon roads will be obliterated (reshaped to original contour) and revegetated per Forest Service guidelines.

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Trees removed to clear the access road will be marked by a Forest Officer. Tree limbs and stumps will be either removed from the Forest or piled and burned outside of the clearing limits. Tree bole (trunk) may be cut into 4-6 foot segments and piled next to roadway so it can be used for firewood and removed by the public.

All vehicles will stay on the work pad and road prism. Cross country travel or vehicle use outside of the construction limit will not be permitted.

A pilot car may be necessary when large rigs are being moved on Forest roads if there is public traffic.

Sufficient topsoil will be stockpiled to cover all disturbed areas at least 4 inches deep, unless bedrock is encountered, in which case 12 inches will be needed. If less than that is available, all topsoil will be stockpiled.

Garbage and all other solid wastes will be removed from the site and disposed of from the Forest at an approved area.

A berm will be constructed above all cut slopes to prevent any overland water flow from entering the drill pad.

The entire disturbed pad area will be graded so that any runoff, spills, or precipitation will drain into the reserve pit, or be retained on site.

The reserve pit will be constructed by total excavation. It will be dug to an adequate depth to hold runoff from the pad, about 30 inches of precipitation, and all drill mud and other effluents from the operation.

The reserve pit will be examined after construction by Exxon representatives, U.S. Geological Service and/or U.S. Forest Service to determine if lining is necessary.

If the reserve pit contents reach pit capacity, operations will cease until fluids can be removed to an appropriate disposal site.

While the reserve pit is drying out after completion of drilling operations, it will be fenced deer and elk tight. Fence specifications will be provided by U.S. Forest Service.

Prior approval from the District Ranger is required for water pumping stations, to use water from Trail Creek.

The company will obtain water rights and drilling permits necessary for their operation.

A cattleguard (Powder River U-80 or equivalent) will be installed on the access road at the fence crossing at the Forest boundary on Trail Hollow road. Existing cattleguard will be salvaged so that it may be picked up by U.S. Forest Service.

Upon rehabilitation, any materials from the pits that are contaminated with toxic pollutants or oils, will be removed from the Forest and disposed of in a proper site. Soil from toxic spill areas will also be removed in the same manner.

At the completion of operations, all excess drilling materials (bentonite, mud, raw dust, etc.) will be removed off Forest.

If the well is abandoned, the drill pad and access road will be restored to blend into the natural terrain.

Planting and seeding of the site, if abandoned, will be done with a Forest Service approved species mix, after topsoil and fertilizer have been applied.

A 16-16-8 fertilizer at a rate of 200 lbs. per acre will be applied for rehabilitation on all disturbed areas including road cut and fill slopes.

If the well is a producer, those areas not needed for production, will be regraded to natural contours and reseeded with a U.S.F.S. approved species.

The cut and fill slopes on the access road will be revegetated per Forest Service specifications.

After drilling operations are completed, the site will be fenced to exclude livestock. If the site is abandoned, the fence will be maintained for 5 to 6 years until it revegetates. If the well is a producer, the fence will be maintained for the life of the well.

If an economic field is discovered, development plans will be submitted to U.S.G.S. and U.S.F.S. in advance for review and approval.

Regis Terney, Heber Ranger District, is available for consultation with the operator during construction. His telephone numbers are: (801) 654-0470, office; (801) 654-2752, home.


ROY H. DANIELS
District Forest Ranger

EXXON COMPANY, U.S.A.

POST OFFICE BOX 1600 • MIDLAND, TEXAS 79702

November 2, 1981

PRODUCTION DEPARTMENT
MIDCONTINENT DIVISION

Buffalo Canyon Unit #1
Section 13, T5S, R12W
Wasatch County, Utah

Mr. Cleon B. Feight
Utah Dept. of Natural Resources
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, UT 84116

NOV 09 1981
DIVISION OF
OIL, GAS & MINING

Dear Mr. Feight:

Attached is Application for Permit to Drill, Form 9-331C and plat for Exxon's Buffalo Canyon Unit #1, which is to be located 1188' FEL and 11485' FSL of Section 13, T5S, R12W, Wasatch County, Utah. Due to the terrain, it will be necessary to drill the well at this location. It is 335' out of tolerance from the south line of the quarter-quarter section and 368' out of tolerance from the west line of the quarter-quarter section as required by Rule C-3. Also attached is a topographic map showing the well location.

The ownership of all oil and gas leases within a radius of 660 feet of the proposed location is common with the ownership of the oil and gas leases under the proposed location.

We respectfully request that our application to drill this well at an unorthodox location be granted.

Very truly yours,

Melba Knipling

Melba Knipling
Unit Head

CH:lj

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-39646
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---
2. NAME OF OPERATOR Exxon Corporation			7. UNIT AGREEMENT NAME Buffalo Canyon Unit (Pending)
3. ADDRESS OF OPERATOR P. O. Box 1600, Midland, TX 79702			8. FARM OR LEASE NAME Buffalo Canyon Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1188' FEL & 1485' FSL of Section At proposed prod. zone <i>NESE</i>			9. WELL NO. 1
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 45 miles South from Heber City			10. FIELD AND POOL, OR WILDCAT Wildcat
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1188' to lease line 132' drlg line			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 13, T5S, R12W
16. NO. OF ACRES IN LEASE 2560			12. COUNTY OR PARISH Wasatch
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE Utah
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None			20. ROTARY OR CABLE TOOLS Rotary
19. PROPOSED DEPTH 18,000 17,000			21. APPROX. DATE WORK WILL START* March 20, 1982
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 8816' GR			

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	94.0#	200'	500 SX
17 1/2"	13 3/8"	54.5, 68#	3000'	2300 SX
12 1/4"	9 5/8"	40, 47#	13000'	2400 SX
8 3/4"	7 5/8"	26.4#	15500'	750 SX
6 1/2"	5"	18#	17000'	600 SX

A request for approval of an unorthodox location due to topography is being made to the Utah Department of Natural Resources.

NOV 09 1981
APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING
DATE: 12-9-81
BY: *M. J. Mander*

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Edgar Runkel

TITLE

Unit Head

DATE

10-30-81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

P.O. BOX 654
GREEN RIVER, WYCMING
82935

TELEPHONE: (307) 875-3638

WILLIAM H. SMITH & ASSOCIATES
SURVEYING CONSULTANTS

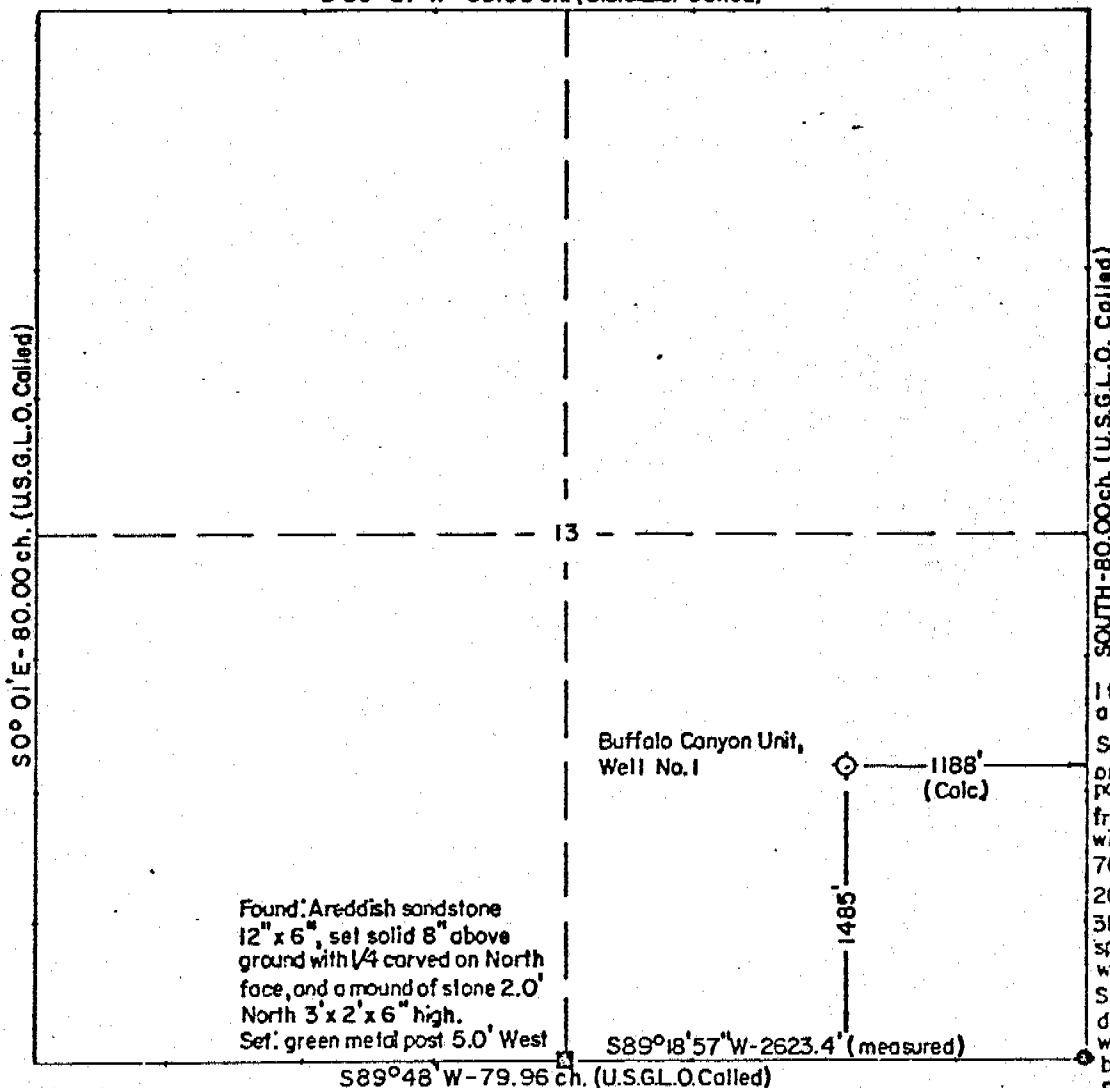
P.O. BOX 1300
MOAB, UTAH
84532

TELEPHONE: (801) 259-6861

T 5 S

R 12 W

S 89°57'W-80.00 ch. (U.S.G.L.O. Called)

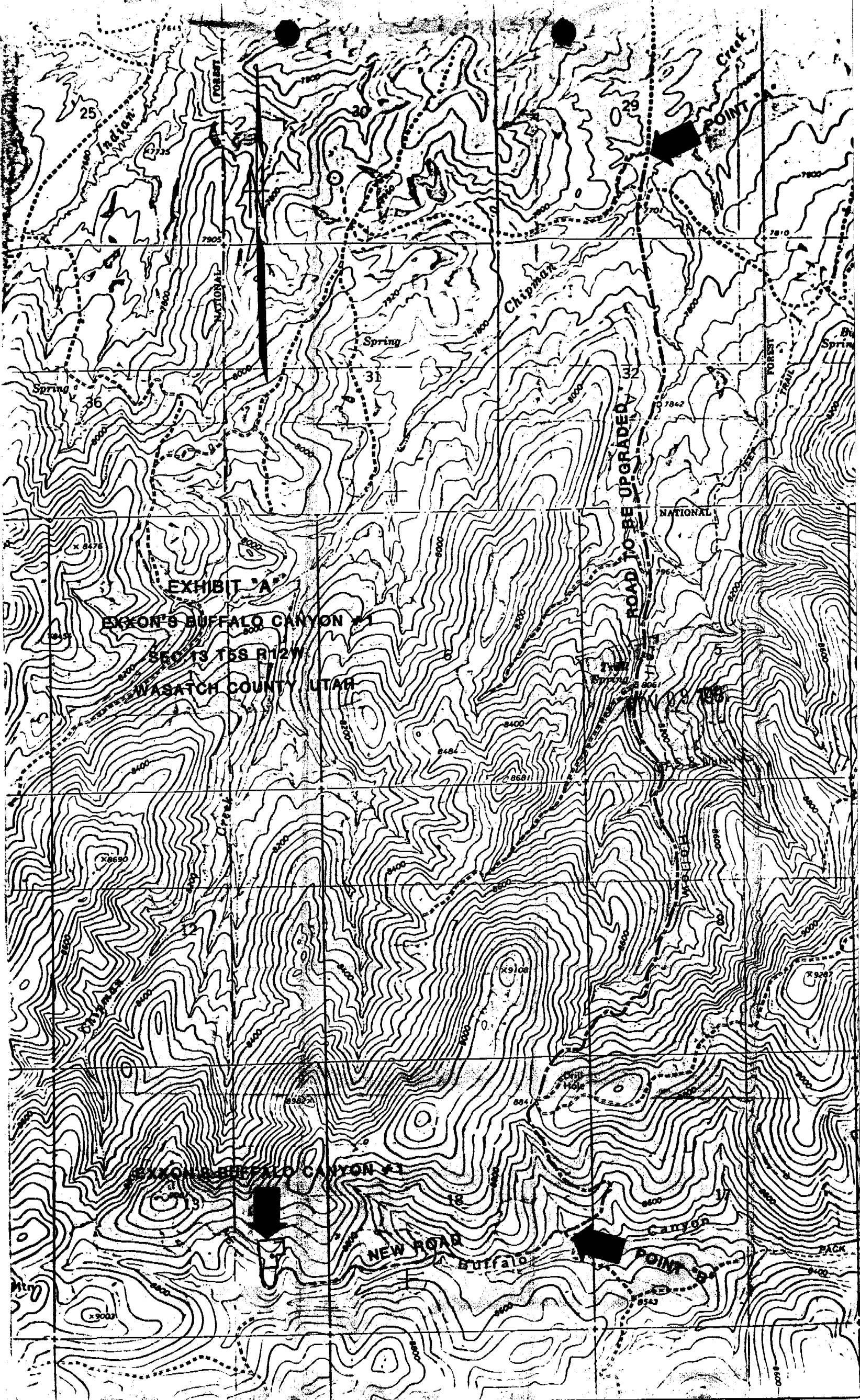


I found a rotten pine stump of a post at which point I set: 3 1/4" brass cap on 2 3/4" x 30" iron post set 22" in ground from which a dead stump with scribing bears N 61° E-70.7', a blazed spruce, 20" diameter bears S 8° E-31.0', a blazed dead and down spruce 12" in diameter with stamp in place bears S 25° W-14.0' and 20" diameter dead snag 20' tall with blaze and scribing bears N 6° W-20.5'. Set: green metal post 5.0' West.

I, William H. Smith of Green River, Wyoming hereby certify that in accordance with a request from Wendell Westerfeld of Midland, Texas for Exxon Company U.S.A. made a survey on the 10th day of October 1981 for location and elevation of the Buffalo Canyon Unit, Well No. 1. As shown on the above map, the wellsite is in the SE/4 of Section 13, Township 5 South, Range 12 West of the Uinta Special Meridian, Wasatch County, State of Utah. Elevation is 2818 feet ungraded ground. Datum USC&GS sea level as referenced to USC&GS control point Thistle topo elevation of 9420.8'

Reference Point	North	400'	5/8" x 24" rebar 0.4' above ground (Typical)	Elevation top of rebar: 8393.8'
Reference Point	East	300'	(Typical)	Elevation top of rebar: 8786.3'
Reference Point	South	300'	(Typical)	Elevation top of rebar: 8521.4'
Reference Point	West	300'	(Typical)	Elevation top of rebar: 8792.3'

William H. Smith
UTAH R.L.S. NO. 2764



**** FILE NOTATIONS ****

DATE: 11-24-81

OPERATOR: Easton Corp.

WELL NO: Buffalo Canyon Unit - #1

Location: Sec. 13 T. 55 R. 12 W County: Wheat

File Prepared: ☒

Entered on N.I.D: ☒

Card Indexed: ☒

Completion Sheet: ☒

API Number 43-051-30012

CHECKED BY:

Petroleum Engineer: M. J. Minder 12-9-81

Director: _____

Administrative Aide: As per rule C-3(c) Need 660 ownership

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. _____

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site ☐

Lease Designation Lea.

Plotted on Map ☐

Approval Letter Written ☐

Hot Line ☐

P.I. ☐

December 10, 1981

Exxon Corporation
P. O. Box 1600
Midland, Texas 79702

RE: Well No. Buffalo Canyon Unit #1
Sec. 13, T. 5S, R. 12W,
Wasatch County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immedeately notify the following:

MICHAEL T. MINDER - Petroleum Engineer
Office: 533-5771
Home: 876-3001

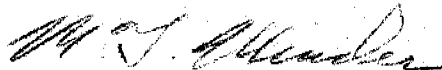
Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-051-30012.

Sincerely,

DIVISION OF OIL, GAS AND MINING



Michael T. Minder
Petroleum Engineer

MTM/as
cc: State Lands

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-39646
Communitization Agreement No. ---
Field Name Buffalo Canyon (Pending)
Unit Name Buffalo Canyon
Participating Area ---
County Wasatch State Utah
Operator Exxon Corporation
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of January, 19 82

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
<u>Buffalo Canyon</u>									
1	13 NE/SE	5S	12W	DRG	----	----	---	----	Spud 1-15-82. Drlg @ 1187'.
Orig. & lcc: Minerals Management Service, 2000 Administration Bldg., 1745 West 1700 South, Salt Lake City, UT 84104 lcc: State of Utah, Natural Resource & Energy, Oil, Gas and Mining, 4241 State Office Bldg., Salt Lake City, UT 84114 lcc: Drilling Section lcc: Western Exploration Division, Denver, CO lcc: Central File 2cc: Proration Specialist									

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	NONE	NONE	NONE
*Sold	NONE	NONE	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXXXX
*Injected	NONE	NONE	NONE
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	NONE
*Other (Identify)	NONE	NONE	NONE
*On hand, End of Month	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	NONE	NONE	XXXXXXXXXXXXXXXXXX

Authorized Signature: Melba Knippling Address: P. O. Box 1600, Midland, TX 79702

Title: Unit Head Page 1 of 1

Date Submitted: March 3, 1982

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

NAME OF COMPANY: EXXON

WELL NAME: Buffalo Canyon Unit #1

SECTION NESE 13 TOWNSHIP 5S RANGE 12W COUNTY ~~Uintah~~ Wasatch

DRILLING CONTRACTOR Exxon Drilling Company

RIG # 43

SPUDDED: DATE 1-14-82

TIME 11:00 AM

How Rotary

DRILLING WILL COMMENCE _____

REPORTED BY H. W. McPeck

TELEPHONE # 801-549-3820

DATE 1-21-81 SIGNED DB

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well ☐ gas ☒ well ☐ other

2. NAME OF OPERATOR
Exxon Corporation

3. ADDRESS OF OPERATOR
P. O. Box 1600, Midland, TX 79702

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1188' FEL & 1485' FSL of Section
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) Change BOP's			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The following changes have been made in the BOP's for the above well:

0- 1200' Type VI
1200- 6000' Type II-C, 3000 psi
6000-17000' Type III-A, 5000 psi

5. LEASE
U-39646

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Buffalo Canyon Unit (Pending)

8. FARM OR LEASE NAME
Buffalo Canyon Unit

9. WELL NO.
1

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 13, T5S, R12W

12. COUNTY OR PARISH
Wasatch

13. STATE
Utah

14. API NO.
43-051-30012

15. ELEVATIONS (SHOW DF, KDB, AND WD)
8816' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

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JAN 12 1982

DIVISION OF
OIL, GAS & MINING

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

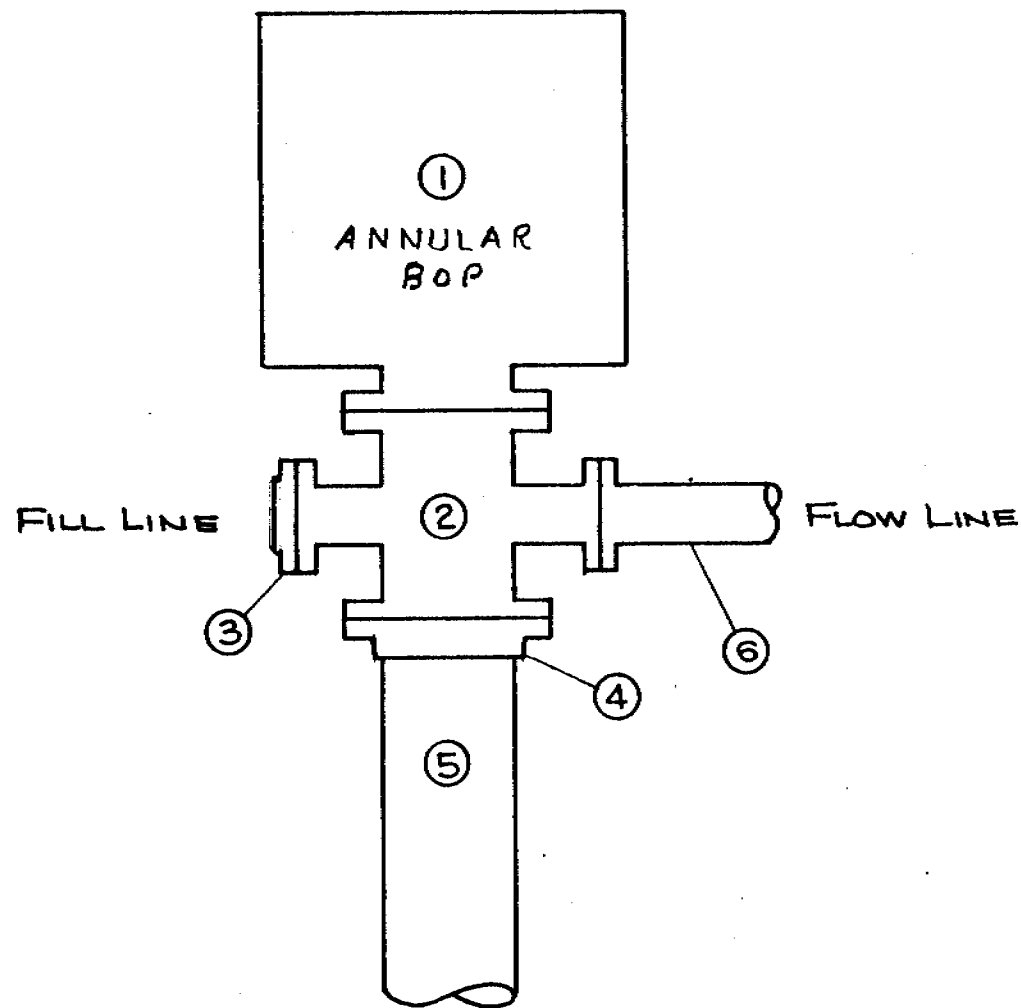
18. I hereby certify that the foregoing is true and correct

SIGNED Melba Knippling TITLE Unit Head DATE January 5, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

MIDLAND DRILLING ORGANIZATION
BLOWOUT PREVENTER SPECIFICATION
TYPE VI



EQUIPMENT FOR FLOW DIVERSION

1. HYDRIL OR SHAFFER
2. FLANGED SPOOL
3. THREADED FLANGE
4. SLIP-ON OR THREADED FLANGE
5. CONDUCTOR
6. FLOWLINE

9/15/73

BLOWOUT PREVENTER SPECIFICATION
EQUIPMENT DESCRIPTION

TYPE II-C

All equipment should be at least 3000 psi WP or higher unless otherwise specified.

1. Bell nipple.
2. Hydril or Shaffer bag type preventer.
3. Ram type pressure operated blowout preventer with blind rams.
4. Flanged spool with one 4-inch and one 2-inch (minimum) outlet.
5. 2-inch (minimum) flanged plug or gate valve.
6. 2-inch by 2-inch by 2-inch (minimum) flanged tee.
7. 4-inch pressure operated gate valve.
8. 4-inch flanged gate or plug valve.
9. Ram type pressure operated blowout preventer with pipe rams.
10. Flanged type casing head with one side outlet (furnished by Exxon).
11. 2-inch threaded (or flanged) plug or gate valve (furnished by Exxon).
Flanged on 5000# WP, threaded on 3000# WP or less.
12. Needle valve (furnished by Exxon).
13. 2-inch nipple (furnished by Exxon).
14. Tapped bull plug (furnished by Exxon).
15. 4-inch flanged spacer spool.
16. 4-inch by 2-inch by 2-inch by 2-inch flanged cross.
17. 2-inch flanged plug or gate valve.
18. 2-inch flanged adjustable choke.
19. 2-inch threaded flange.
20. 2-inch XXH nipple.
21. 2-inch forged steel 90° Ell.
22. Cameron (or equal.) threaded pressure gage.
23. Threaded flange.
35. 2-inch flanged tee.
36. 3-inch (minimum) hose. (Furnished by Exxon).
37. Trip tank. (Furnished by Exxon).
38. 2-inch flanged plug or gate valve.
39. 2-1/2-inch pipe, 300' to pit, anchored.
40. 2-1/2-inch SE valve.
41. 2-1/2-inch line to steel pit or separator.

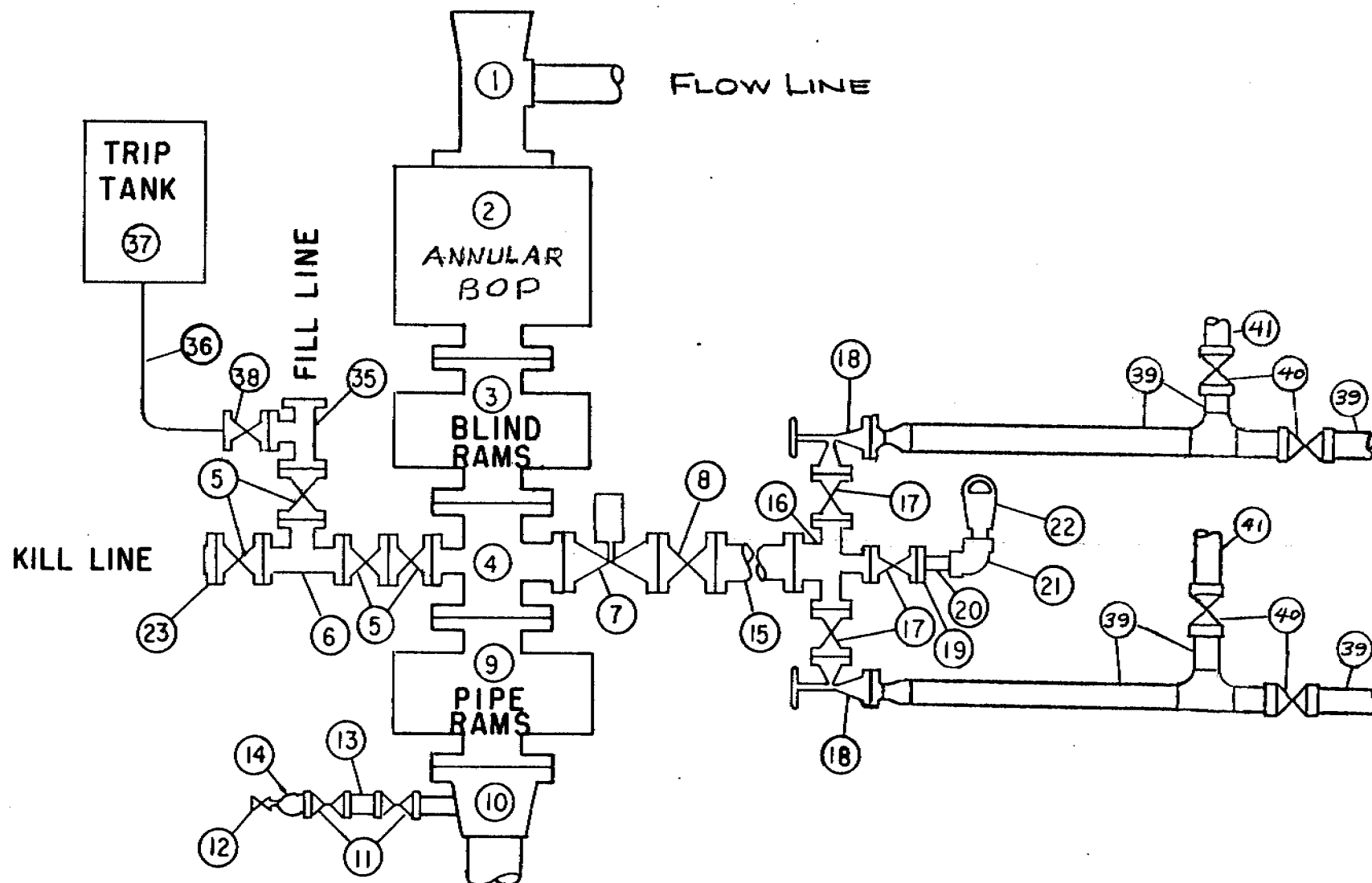
NOTES:

1. Items 3, 4 and 9 may be replaced with double ram type preventer with side outlets between the rams.
2. The two valves next to the stack on the fill and kill line to be closed unless drill string is being pulled.
3. Kill line is for emergency use only. This connection shall not be used for filling.
4. Replacement pipe rams and blind rams shall be on location at all times.
5. Only type U, LWS and QRC ram type preventers with secondary seals are acceptable for 5000 psi WP and higher BOP stacks.
6. Type E ram-type BOP's with factory modified side outlets may be used on 3000 psi or lower WP BOP stacks.

MIDLAND DRILLING ORGANIZATION

BLOWOUT PREVENTER SPECIFICATION

TYPE II - C



9/15/73

TYPE III-A

All equipment shall be at least 5,000 psi WP or higher unless otherwise specified.

1. Rotating type BOP, 3,000 psi minimum WP.
2. Hydril or Shaffer bag type preventer.
3. Ram type pressure operated preventer with pipe rams. Use large size pipe rams when drilling with a tapered string. Use blind rams when drilling with a tapered string and formation is overbalanced.
4. Flanged spool with two 4-inch side outlets.
5. 4-inch flanged plug or gate valve.
6. 4-inch flanged tee.
7. 4-inch flanged plug or gate valve.
8. 4-inch flanged pressure operated gate valve.
9. Ram type pressure operated preventer with blind rams. Use small size pipe rams when drilling with a tapered drill string.
10. Ram type pressure operated preventer with pipe rams. Use large size pipe rams when drilling with tapered string.
11. Flanged type casing head (furnished by Exxon).
12. 2-inch flanged plug or gate valves (furnished by Exxon).
13. 2-inch threaded flange (furnished by Exxon).
14. 2-inch tapped bull plug (furnished by Exxon).
15. Needle valve (furnished by Exxon).
16. 4-inch flanged spacer spool.
17. 4-inch by 2-inch flanged cross.
18. 2-inch flanged plug or gate valve.
19. 2-inch flanged adjustable choke. Replace with flanged 2-inch tee if a remote controlled choke is installed downstream.
20. 4-inch x 4-inch spacer flange w/1-inch tap.
21. 1-inch x 4-inch XXH nipple.
22. 1-inch valve.
23. Cameron (or equal.) 0-6000 psi gage.
24. 2-inch flanged spacer spool.
25. 6-inch or 4-inch pipe, 300' to pit, anchored.
26. 2-1/2-inch line to separator.
27. 2-inch weld neck flange.
28. 2-1/2-inch x 2-inch sch. 80 concentric weld reducer.
29. 2-1/2-inch pipe.
30. Pressure operated adjustable choke (furnished by Exxon).
31. 2-1/2-inch S.E. gate valve.
32. 2-1/2-inch tee.
33. 2-1/2-inch pipe, 300' to pit, anchored.
34. 2-inch threaded flange (EUE) or weld neck flange w/Weco Fig. 1502 2" 15,000 psi free flow buttress weld wing union.
35. 4-inch flanged tee.
36. 3-inch (minimum) hose. (Furnished by Exxon).
37. Trip tank. (Furnished by Exxon).
38. 6-inch 3,000 psi minimum WP manual or pressure operated gate valve.

NOTES:

1. Items 9 and 10 may be replaced with double ram type preventer. Any side outlets shall be double valved or blind flanged.
2. Only type U, LWS and QRC ram type preventers with secondary seals are acceptable.
3. The two valves next to the stack on the kill and fill line to be closed unless string is being pulled.
4. Kill line is for emergency use only. This connection shall not be used for filling.
5. Replacement rams for each size drill pipe in use and blind rams shall be on location at all times.

STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

January 15, 1982

Exxon Corporation
P. O. Box 1600
Midland, Texas 79702

Re: Well No. Buffalo Canyon Unit #1
Sec. 13, T. 5S, R. 12W
Wasatch County, Utah

Gentlemen:

In reference to the above mentioned well, considerable time has gone by since approval was obtained from this office.

This office has not received any notification of spudding. If you do not intend to drill this well, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. If you plan to drill this location at a later date, please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cari Furse

Cari Furse
Clerk Typist

*Orig: Central File
@: Proration Specialist*



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

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Cari Furse
Clerk Typist

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(FORM 9-329)

(2/76)

OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-3964

Communitization Agreement No. NA

Field Name Wildcat

Unit Name Buffalo Canyon (Pending)

Participating Area NA

County Wasatch State Utah

Operator Exxon Corporation

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of April, 1982

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
Buffalo Canyon									
1	13 NE/SE	5S	12W	DRG	None	None	None	None	Drig. @ 6867' in shale, limestone, siltstone. Logged.
Orig & lcc: MMS, 2000 Administration Building, 1745 West 1700 South, Salt Lake City, UT 84104									
2cc: State of Utah, Natural Resource and Energy, Oil, Gas and Mining, 4241 State Office Bldg., Salt Lake City, UT 84114									
1cc: Drilling Section									
1cc: Central File									
2cc: Proration Specialist lcc: Western Exploration Division, Denver, CO									

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	NONE	NONE	NONE
*Sold	NONE	NONE	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXXXX
*Injected	NONE	NONE	NONE
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	NONE
*Other (Identify)	NONE	NONE	NONE
*On hand, End of Month	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	NONE	NONE	XXXXXXXXXXXXXXXXXX

Authorized Signature: *Neelva Kripling* Address: P. O. Box 1600, Midland, TX 79702

Title: Unit Head Page 1 of 1

Date Submitted: May 7, 1982

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-39646
Communitization Agreement No. NA
Field Name Buffalo Canyon (Pending) W.C.
Unit Name Buffalo Canyon
Participating Area NA
County Wasatch State Utah
Operator Exxon Corporation

☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of February, 19 82

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
<u>Buffalo Canyon</u>									
1	13 NE/SE	5S	12W	DRG	None	None	None	None	Drlg @2249' in shale, sand, limestone. Ran 20" csg. Tst BOP's @ 300-3000 psi. Reaming.
Orig & lcc: MMS, 2000 Administration Bldg., 1745 West 1700 South, Salt Lake City, UT 84104 2cc: State of Utah, Natural Resource & Energy, Oil, Gas and Mining, 4241 State Office Bldg., Salt Lake City, UT 84114 lcc: Drilling Section lcc: Western Exploration Division, Denver, CO lcc: Central File 2cc: Proration Specialist									

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APR 06 1982
DIVISION OF OIL, GAS & MINING

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	NONE	NONE	NONE
*Sold	NONE	NONE	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXXXX
*Injected	NONE	NONE	NONE
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	NONE
*Other (Identify)	NONE	NONE	NONE
*On hand, End of Month	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	NONE	NONE	XXXXXXXXXXXXXXXXXX

Authorized Signature: Neelva Knippling Address: P. O. Box 1600, Midland, TX 79702

Title: Unit Head

Page 1 of 1

Date Submitted: March 30, 1982

DOUBLE "D" TESTING

P.O. Box 560
Shoshoni, Wyoming 82649
307-876-2308

DELIVERY TICKET

Nº 445

DIVISION OF
OIL, GAS & MINING

MAY 07 1982

RENTED TO Exxon

NO. EXTER #43

ORDERED BY Red Garrett

EXXON DATE 4/18/82

LEASE Bu Halo Canyon WELL NO. 1

Rental begins when tools leave our warehouse and continues until returned thereto. Rental day starts at midnight and part day shall be charged as full day.

TRANSPORTATION - TO AND FROM JOBSITE 260 MILES @ \$100/mile \$ 260.00

DOUBLE D Portable BLOWOUT PREVENTER PRESSURE TESTING SERVICE:

First eight hour test period \$ 800.00
Additional eight hours or fraction. 12 hrs @ 50/hr \$ 600.00

Items Tested:

<u>Top Pipe</u> rams to <u>3000</u> # <u>3000</u> Csg. to <u>1500</u> #	<u>Choke Manifold</u> <u>3000</u> #
<u>Blind</u> rams to <u>3000</u> # <u>3000</u> Hydril B O P to <u>400</u> #	<u>Upper Shaver</u> <u>3000</u> #
<u>Bottom Pipe</u> rams to <u>3000</u> # <u>3000</u> Choke Line <u>3000</u> #	<u>Kelly Cock</u> <u>3000</u> #
<u>—</u> rams to <u>—</u> # <u>—</u> #	<u>Safety Valve</u> <u>3000</u> #
	<u>Port Valve</u> <u>3000</u> #

TEST SUBS

OTHER

12" McEnvoy \$ 150.00
4 1/2 XH Top Sub 50.00
4 1/2 XH Bottom Sub 50.00
4 1/2 XH Casing Sub N/C
50 gals of Methanol @ 2.50 gal \$ 125.00

Upper Kelly was really stiff

Manual Choke never seemed to Seat

Closed Casing Head Valve

Closed All Valves on Stack + Left Valves on Manifold open to drain Manifold + Choke line

We Appreciate Your Business

Thanks, Mark

TOTAL \$ 1935.00

TERMS NET CASH - NO DISCOUNT. (PRICES SUBJECT TO CHANGE WITHOUT NOTICE): Terms and Conditions Under Which Tools and Other Equipment Are Rented: Lessor exercises precautions to keep its tools and other equipment in good condition, but does not guarantee its condition. All tools and other equipment rented from Lessor is used at Lessee's sole risk. Lessee agrees that Lessor shall not be liable for any damages for personal injuries to any persons or for any damage to Lessor's property or the property of other persons that may be caused by any of such tools or other equipment, or that may be caused by its failure during use, and Lessee hereby agrees to hold harmless and indemnify Lessor against all persons for all personal injuries and/or property damage. Well conditions which prevent satisfactory operation of equipment do not relieve Lessee of his responsibility for rental charges. Lessee assumes all responsibility for equipment while out of possession of the Lessor and promises to return such equipment to the Lessor in as good condition as it was at the effective date of the lease, natural wear and tear from reasonable use thereof excepted. All equipment lost or damaged beyond repair will be paid for by the Lessee at the market price and all damaged equipment which can be repaired will be repaired and the repairs paid for by the Lessee. Accrued rental charges cannot be applied against the purchase price or cost of repairs of such damaged or lost equipment. All transportation charges must be borne by the Lessee. Rental begins when equipment leaves Lessor's yard and continues until returned thereto. ALL TOOLS AND EQUIPMENT SHALL REMAIN the sole property of Lessor. This lease is made and shall be effective when the equipment is delivered to the carrier selected by the Lessee.

TERMS: Net Cash - No Discount. All charges are due and payable at the office of Lessor in Shoshoni, Wyoming on the 20th of the month following date of invoice. Interest will be charged at the rate of 8%. Interest charged after 60 days from date of invoice.

Delivered By:

OWNER OR OWNER'S REPRESENTATIVE

By: Mark DeBlanc

By: M. E. Lander

Date of Test Company

Contractor

Lease + Well Name

4-18-82

Exxon

Exter #43

Buffalo Canyon 1

Test #

Time

9:00-12:20

Load Truck + Travel to Rig

12:20-2:15

W/O Rig to Hook Up Hydraulic Lines

Nipple Up Flanges w/ Sledge for Testing
Blind Rams

2:15-3:00

Make Up Test Subs on DP, on Catwalk

3:00-3:30

Set Plug, Pull, Replace Seal, Set Plug Again
Rig Up Test Hose

3:30-3:50

Pressure up to 3000 to Insure Test Plug
was Holding. Tighten Packoff Nuts. Pressure
Up to 300 PSI. Retighten Jam Nuts

①

3:50-4:00

Test Lower Pipe Rams @ 300 PSI

4:00-4:10

Test " " " @ 3000 "

Leak Between Test Sub + DP

4:10-4:35

Remove DP + Rig up to test Blinds, While
the Crew Was Tightening the Sub

4:35-4:40

Test Blinds, Leaking on Sledge

Tighten Sledge

②

4:40-4:50

Test Blinds @ 300 PSI

4:50-5:00

" " " 3000 PSI

Leaking on Sledge - Tighten

5:00-5:15

Test Blinds @ 3000 PSI

5:15-5:45

Screw DP Back In + Rig up to test

③

5:45-6:10

Test Bottom Pipe Rams @ 3000 PSI

Held a Little Longer to Insure Bonnett

Door Gaskets weren't Leaking

6:10-6:25

Valves on Kill Line Needed Flanges

Date of Test	Company	Contractor	Lease + Well Name
4-18-82	Exxon	Exter #43	Buffalo Canyon 1
Test #	Time		
(4)	6:25-6:38	Test Top Pipe Rams, 1 st Manual on Choke Line, Manual on the Riser of the Kill Line @ 300	
	6:38-6:55	Test Same @ 3000	
(5)	7:05-7:15	Test Top Pipe Rams, 2nd Manual on Kill Line, All Inside Manual on Choke Manifold Including Riser	
	7:15-7:20	Test Same @ 3000	
		Leaking on a New Weld	
(6)	7:25-7:38	Test Top Pipe Rams, 1 st Manual on Kill Line + HCR	
	7:38-7:55	Test Same @ 3000 PSI	
	7:55-8:25	Break Hose Off + Set Spacer Spool, Gear over the top of the DP onto the Stack	
(7)	8:25-8:40	Test, Same as (5) @ 3000 PSI	
(8)	8:40-8:45	Test Same, but Outside Manual on Choke Manifold	
		Manual Choke has no stop & won't hold any Pressure	
	9:00	Try to test Hydril	
		Work Hydril	
(9)	9:15	Test Hydril @ 1500, Bleed off to 1400	
	9:20-9:35	Test Hydril @ 1500	
	9:35-9:45	Test Hydril @ 300	
	9:45-10:15	Pull Wellhead Plug + Break Plug + Testing Subs	

Date of Test Company

Contractor

Lease + Well Name

4-18-82

First Energy

Excter #43

Buffalo Canyon 1

Test #

Time

10:15-10:30

Make up Test Sub on Dart Valve

10:30

Test Dart Valve

Test Sub blew O-Ring

10:35-11:15

W/O Rig to Finish Setting Rotary Table
+ Floor Plate back in

⑩

11:20-11:25

Test Dart Valve

11:25-12:00

Pick up Kelly, Lower into hole to work
Upper Kelly Cock - STIFF - Grease - STIFF
STIFF. Make up Saffy Valve + Test Sub
onto Kelly

⑪

12:05-12:10

Test Kelly Cock Type Floor Saffy Valve

12:10-12:15

Work Saffy Valve

⑫

12:15-12:20

Test Same as ⑩

⑬

12:25-12:30

Test Lower Kelly Cock

⑭

12:35-12:40

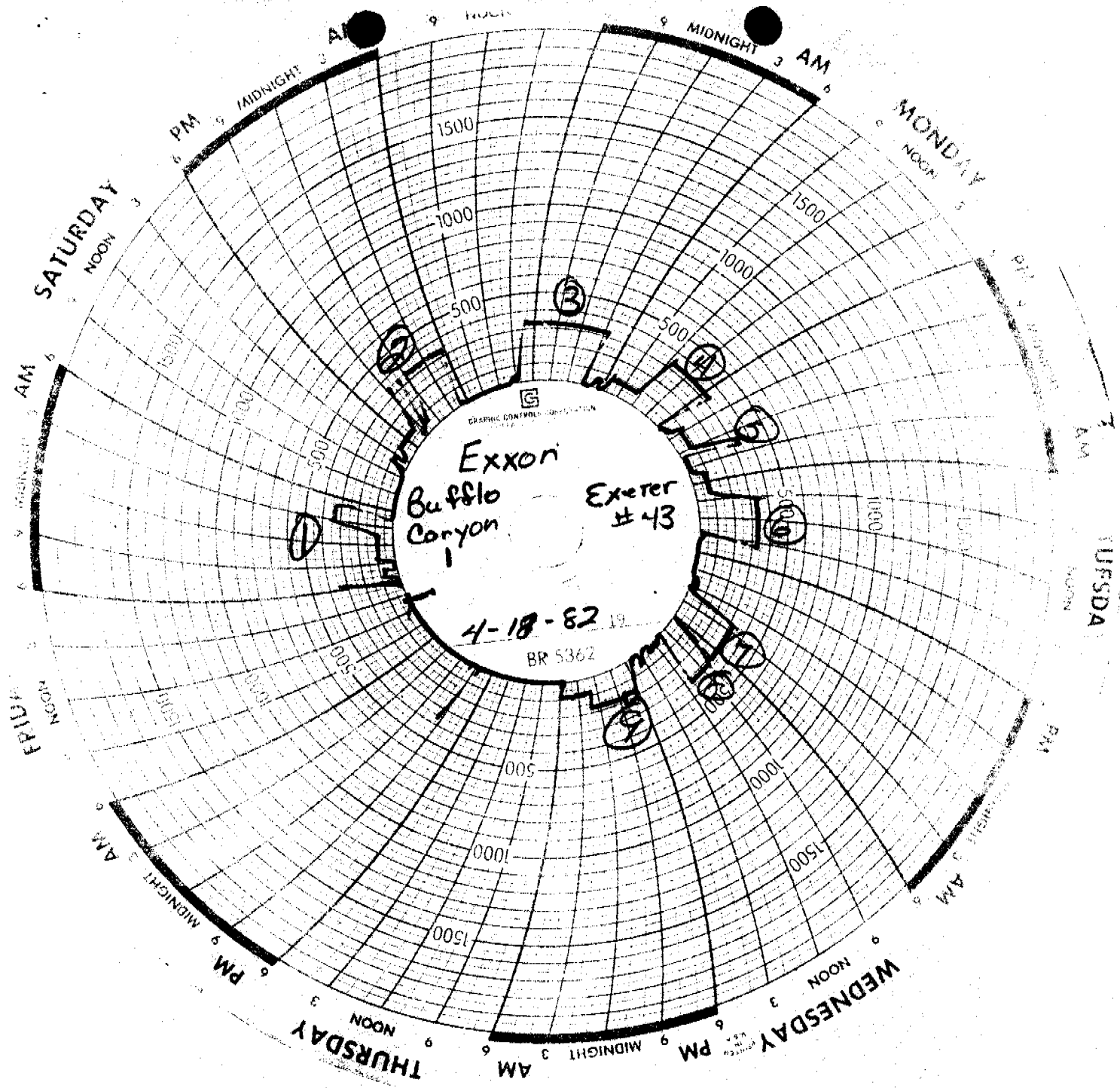
Test Upper Kelly Cock

12:40-1:00

Break Testing Subs off Kelly

1:00-5:00

Spool up + Make up Ticker +
TRAVEL to Shop



NOON 3

PM 9 MIDNIGHT 3 AM 6

MONDAY
NOON 3

PM 9

TUESDAY
NOON 3

PM 9

MIDNIGHT 3 AM 6

WEDNESDAY
NOON 3

PM 9

AM 6

THURSDAY
NOON 3

PM 9

AM 6

FRIDAY
NOON 3

PM 9

AM 6

SATURDAY
NOON 3

PM 9

MIDNIGHT 3 AM 6

NOON 3

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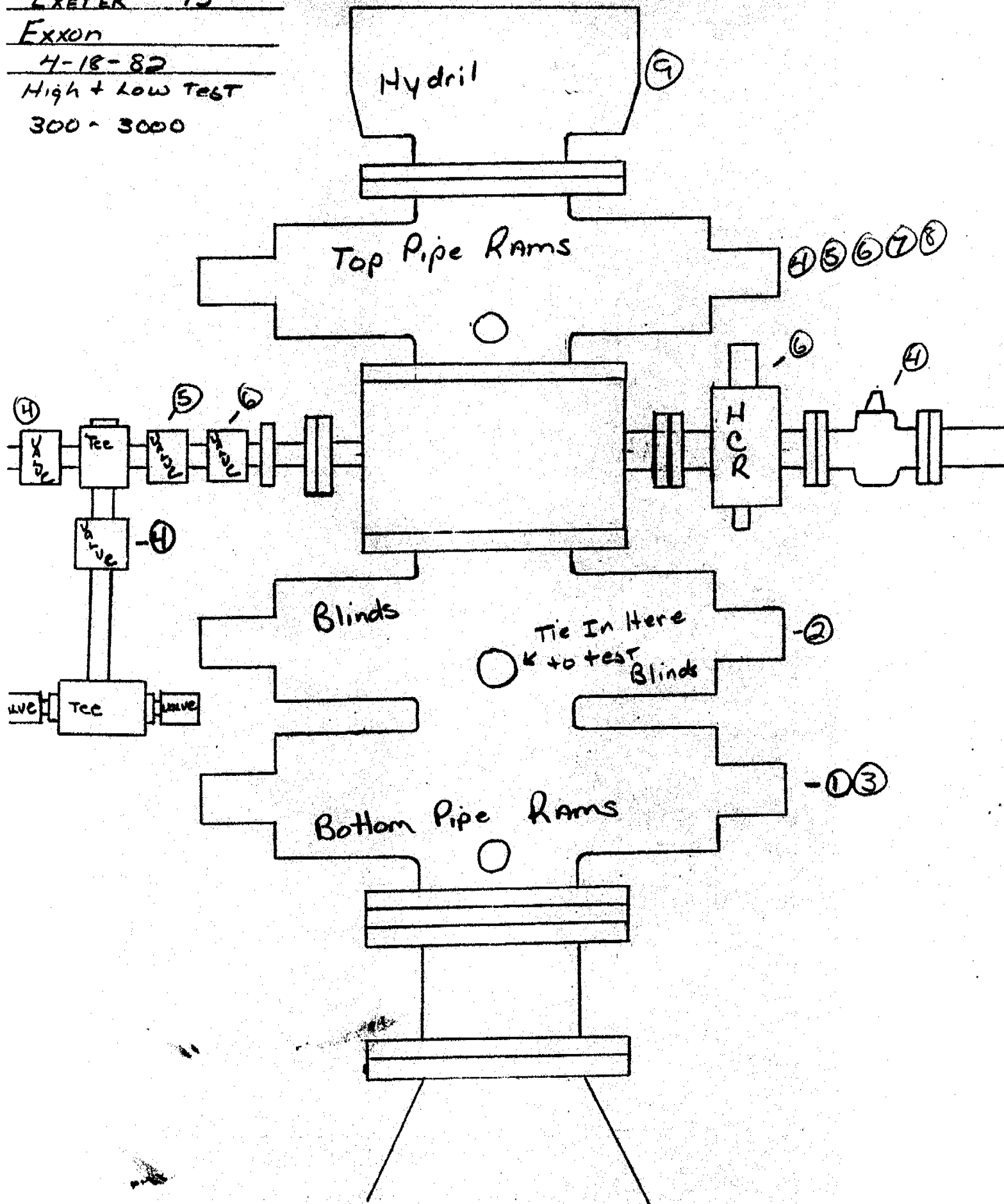
EXETER #43

Exxon

4-18-82

High + Low Test

300 - 3000



EXETER #43

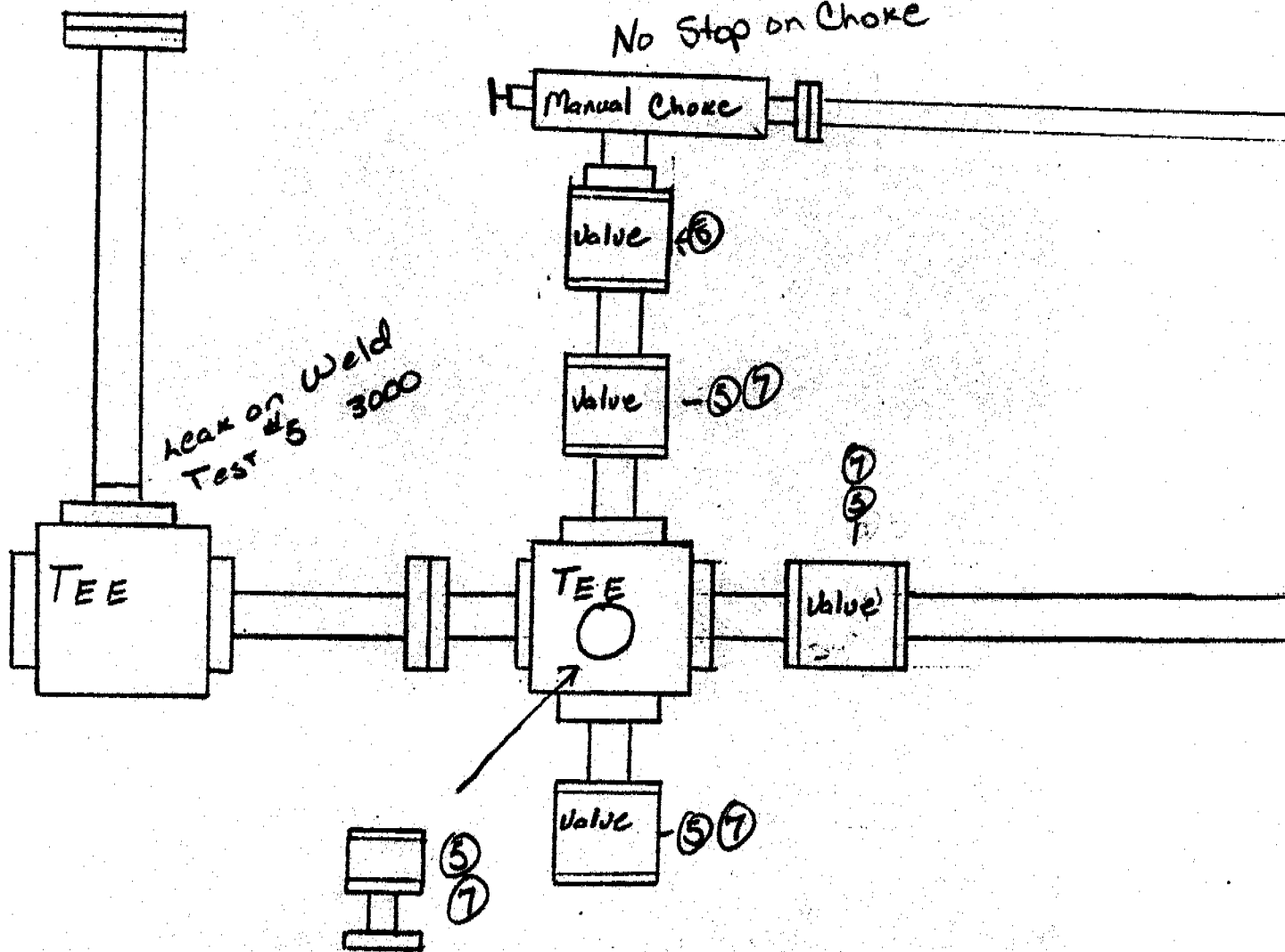
EXXON

4-18-82

High + Low Test

300 - 3000

No Stop on Choke



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

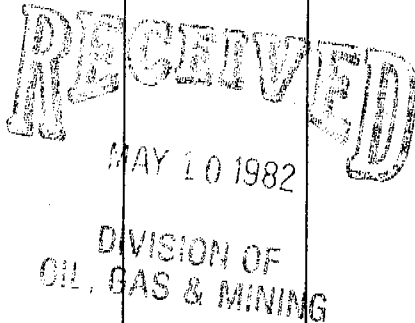
MONTHLY REPORT
OF
OPERATIONS

Lease No. U-39646
Communitization Agreement No. NA
Field Name Wildcat
Unit Name Buffalo Canyon (Pending)
Participating Area NA
County Wasatch State Utah
Operator Exxon Corporation
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of March, 19 82

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
<u>Buffalo Canyon</u>									
1	13 NE/SE	5S	12W	DRG	None	None	None	None	Drlg. @ 5246' in sandstone, shale.
<div style="text-align: center;">  </div>									
Orig & 1cc:	MMS, 2000 Administration Building, 1745 West 1700 South, Salt Lake City, UT 84104								
2cc:	State of Utah, Natural Resource and Energy, Oil Gas and Mining, 4241 State Office Bldg., Salt Lake City, UT 84114								
1cc:	Drilling Section								
1cc:	Western Exploration Division, Denver, CO								
1cc:	Central File								
2cc:	Proration Specialist								

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	NONE	NONE	NONE
*Sold	NONE	NONE	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXXXX
*Injected	NONE	NONE	NONE
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	NONE
*Other (Identify)	NONE	NONE	NONE
*On hand, End of Month	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	NONE	NONE	XXXXXXXXXXXXXXXXXX

Authorized Signature: Neelva Kripling Address: P. O. Box 1600, Midland, TX 79702

Title: Unit Head

Date Submitted: May 3, 1982

Page 1 of 1

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well ☐ gas ☒ well ☐ other

2. NAME OF OPERATOR

Exxon Corporation

3. ADDRESS OF OPERATOR

P. O. Box 1600, Midland, TX 79702

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1188' FEL and 1485' FSL of Section
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) Drill Deeper

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5. LEASE

U-39646

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Buffalo Canyon Unit

8. FARM OR LEASE NAME

Buffalo Canyon Unit

9. WELL NO.

1

10. FIELD OR WILDCAT NAME

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 13, T5S, R12W

12. COUNTY OR PARISH Wasatch 13. STATE Utah

14. API NO.

43-051-30012

15. ELEVATIONS (SHOW DF, KDB, AND WD)
8816' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please change proposed total depth for the above well from 17,000' to 18,000'.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 6/18/82

BY: [Signature]

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Unit Head DATE June 3, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

DOUBLE "D" TESTING

P.O. Box 560
Shoshoni, Wyoming 82649
307-876-2308

DELIVERY TICKET

No 432

RENTED TO Exxon NO. Exxon #13

DATE 6-4-82

ORDERED BY Mike Mulligan LEASE B. F. Folsom WELL NO. 1

Rental begins when tools leave our warehouse and continues until returned thereto. Rental day starts at midnight and part day shall be charged as full day.

TRANSPORTATION - TO AND FROM JOBSITE 260 MILES \$

DOUBLE D Portable BLOWOUT PREVENTER PRESSURE TESTING SERVICE:

First eight hour test period \$

Additional eight hours or fraction \$

Items Tested:

<u>Top Pipe</u> rams to <u>300</u> # <u>5000</u>	Csg. to <u>300</u> #	Choke Manifold <u>300</u> # <u>5000</u>
<u>Blind</u> rams to <u>300</u> # <u>5000</u>	Hydril B O P to <u>300</u> # <u>3500</u>	<u>Upper Shovel</u> <u>300</u> # <u>5000</u>
<u>Bottom Pipe</u> rams to <u>300</u> # <u>5000</u>	Choke Line <u>300</u> # <u>3000</u>	<u>Kelly Cock</u> <u>300</u> # <u>5000</u>
rams to <u>300</u> #		<u>TIW</u> <u>300</u> # <u>5000</u>
		<u>Safety Valve</u> <u>300</u> # <u>5000</u>
		<u>Choke Valve</u> <u>300</u> # <u>5000</u>

TEST SUBS \$

OTHER Section # 13-55-12W

Low Test were Held for 5 mins
High Test were Held for 15 mins

RECEIVED

JUN 10 1982

DIVISION OF
OIL, GAS & MINING

Company:

Case and Well Name:

Date of test:

Tester's name:

EX-101

Buffalo Canyon 1

6/4/82

Mark Holburne

Test #	TIME	
	9:00-12:00	Load TRUCK + TRAVEL
	12:00-1:30	Get with Company Hand on TEST. Loosen Jam NUTS + W/O CREW To Finish with Hydraulic Lines. Pick up Single + Make up Plug + Subs.
①	1:30-1:35	TEST Pipe Rams @ 300#
	1:35-40	TEST Same @ 5000# Leaking on PACK OFF NUTS
	1:40-43	Tighten Pack off NUTS
	1:43-45	TEST Same, STILL Leaking
	1:45-1:50	Tighten Same
②	1:50-2:05	TEST Same @ 5000#
	2:05-2:55	Rig up to TEST Blinds - No Blinds - 9 5/8 Casing Rams Kelly Up + Screw TIW Valve on. Rig up to TEST Kelly
③	2:55-3:02	TEST TIW (Floor Safety Valve) @ 300#
	3:02-3:17	TEST TIW @ 5000#
④	3:19-21	TEST Lower Kelly Cock @ 300#
	3:24-40	TEST Same @ 5000#
	3:40-55	TRY to TEST Upper Kelly Cock
	3:55-4:12	BREAK TIW Valve + TEST Sub Off. Make up TEST and LEFT Valve. Screw OP BACK In + Pull Plug. CREW Working on Upper Kelly Cock
⑤	4:12-4:41	TEST DORT Valve @ 300#
	4:41-4:50	TEST Same @ 5000#
	4:50-4:55	Finish Greasing Upper Kelly Cock + Make up TEST Sub
⑥	4:45-50	TEST Upper Kelly Cock @ 300
	4:50-5:05	TEST Same @ 5000#
	5:05-5:20	Rig up To TEST Bony Lines
	5:20-5:25	PRESSURE Up From Manifold To Valve below Header, Behind Choke Manifold House - Leaking on Unions
	5:25-5:35	Tighten Unions
⑦	5:38-5:45	TEST Bony Lines @ 1000#
	5:45-5:51	Rig up to TEST Manifold
⑧	5:51-5:58	TEST Outside Manual on Diverting Lines + Inside Manual on Water Line @ 300#
	5:58-6:13	TEST Same @ 5000#
⑨	6:15-6:20	TEST Left Manual Choke @ 5000#
⑩	6:22-6:27	TEST Right " " " " "
⑪	6:29-37	TEST Inside Manuals on Diverting Lines, Outside Manual on Water Line + Unibolt Choke @ 300#
		New Chart
⑫	6:37-6:52	TEST Same @ 5000#

Company:

Case and Well Name:

Date of test:

Tester's name:

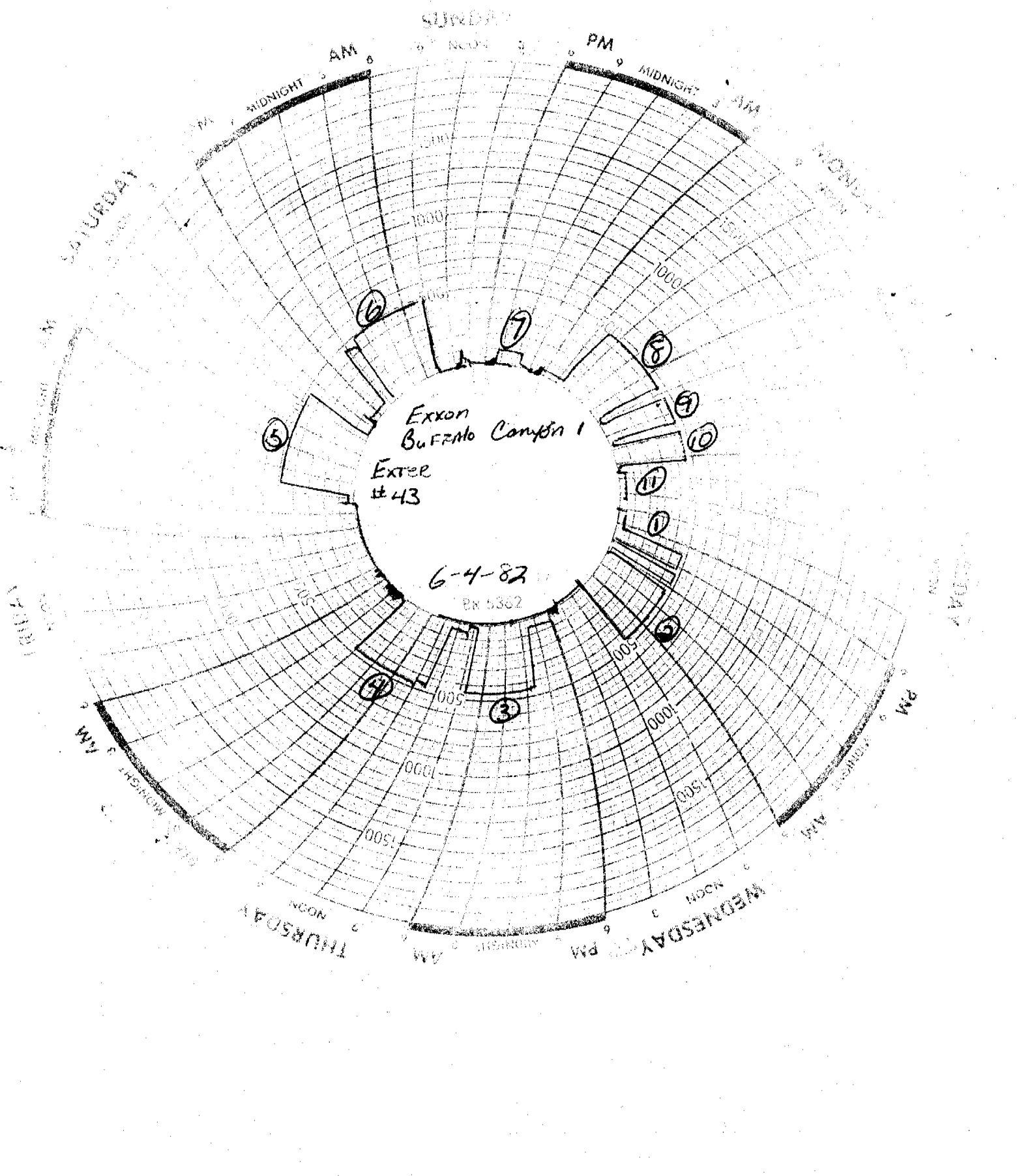
Exxon

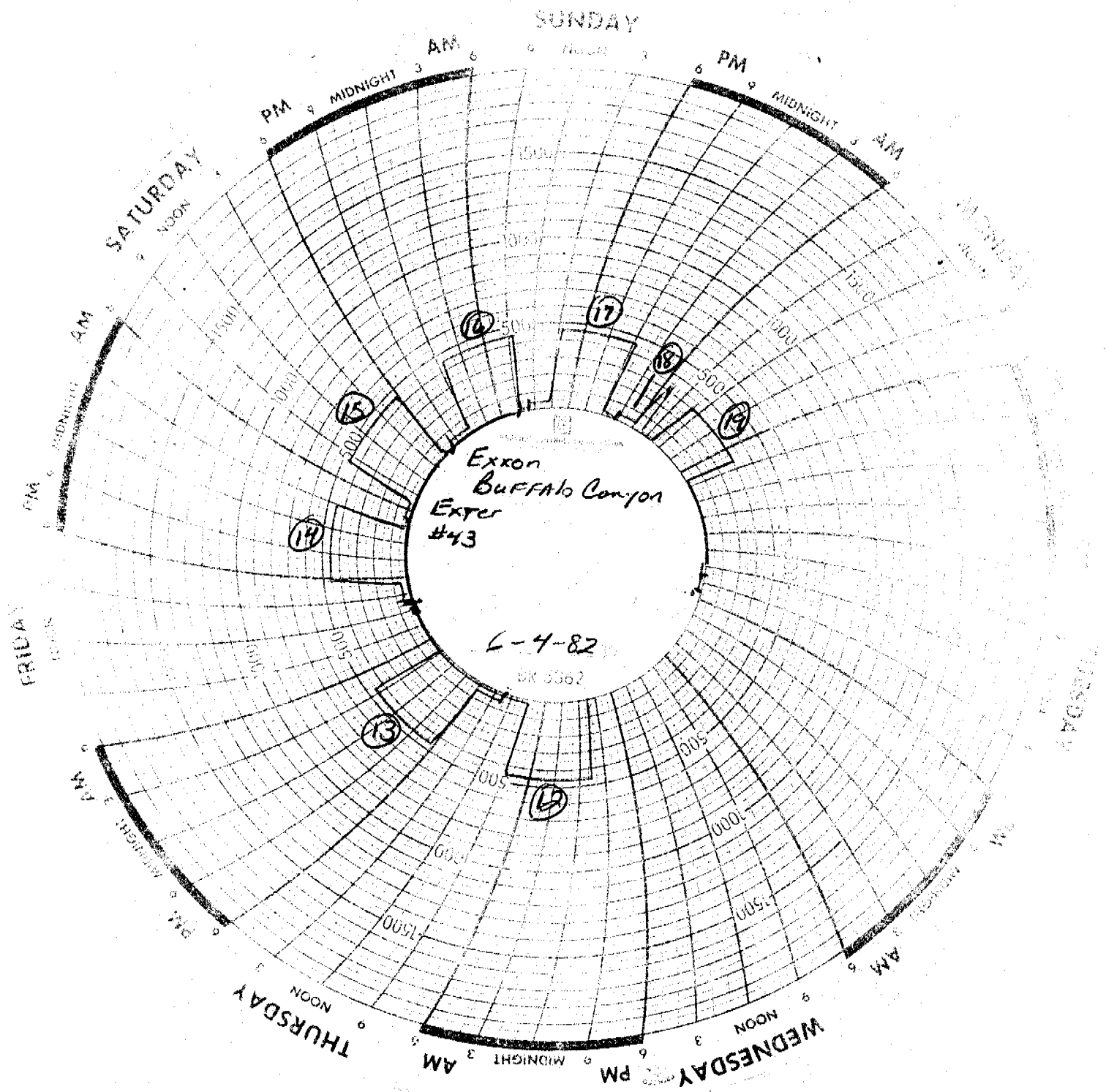
Buffalo Canyon 1

6/4/82

Mark Lettave

Test #	TIME	
	6:52-8:37	Wait on Blind Rm Rubbers. Put Rubbers On, Install FMS + Make Up Bonnet. Set Plug + Rig Up to Test Blinds
(13)	8:37-11:2	Test Blinds @ 300 #
	8:40-8:57	Test Same @ 5000 #
	8:57-9:50	Change Flanges on Blind Rms. Screw DP Back In. Fill Stack with Water
(14)	9:50-9:55	Test Top Pipe Rms. First Manual on Kill + HCR on Choke @ 300
	9:55-10:10	Test Same @ 5000 #
15	10:11-10:16	Test Top Pipes. Second Manual on Kill + 4" Manual on Choke @ 300
	10:16-31	Test Same @ 5000 #
(16)	10:33-38	Test Top Pipes, 3 rd Set of Values on Kill, Inside Interval/5 on Choke Manifest, Including Riser @ 300 #
	10:38-53	Test Same @ 5000 #
(17)	10:54-59	Test Top Pipes. HCR + Bottom Outside Values on Kill @ 300
	10:59-11:14	Test Same @ 5000 #
		(Worked Hydril Once while Testing Top Pipe Rms)
(18)	11:16-21	Test Hydril @ 300
	11:21-26	Pressure UP On Hydril - Bleeding OFF
		Annular Pressure adjusted from 450-1300 PSI
(19)	11:26-41	Test Same @ 3500 #
	11:41-12:15	Pull Plug + Break OFF Testing Equipment. Spool Up
	1:00-4:00	Make Up Ticket + Travel Back To Shop

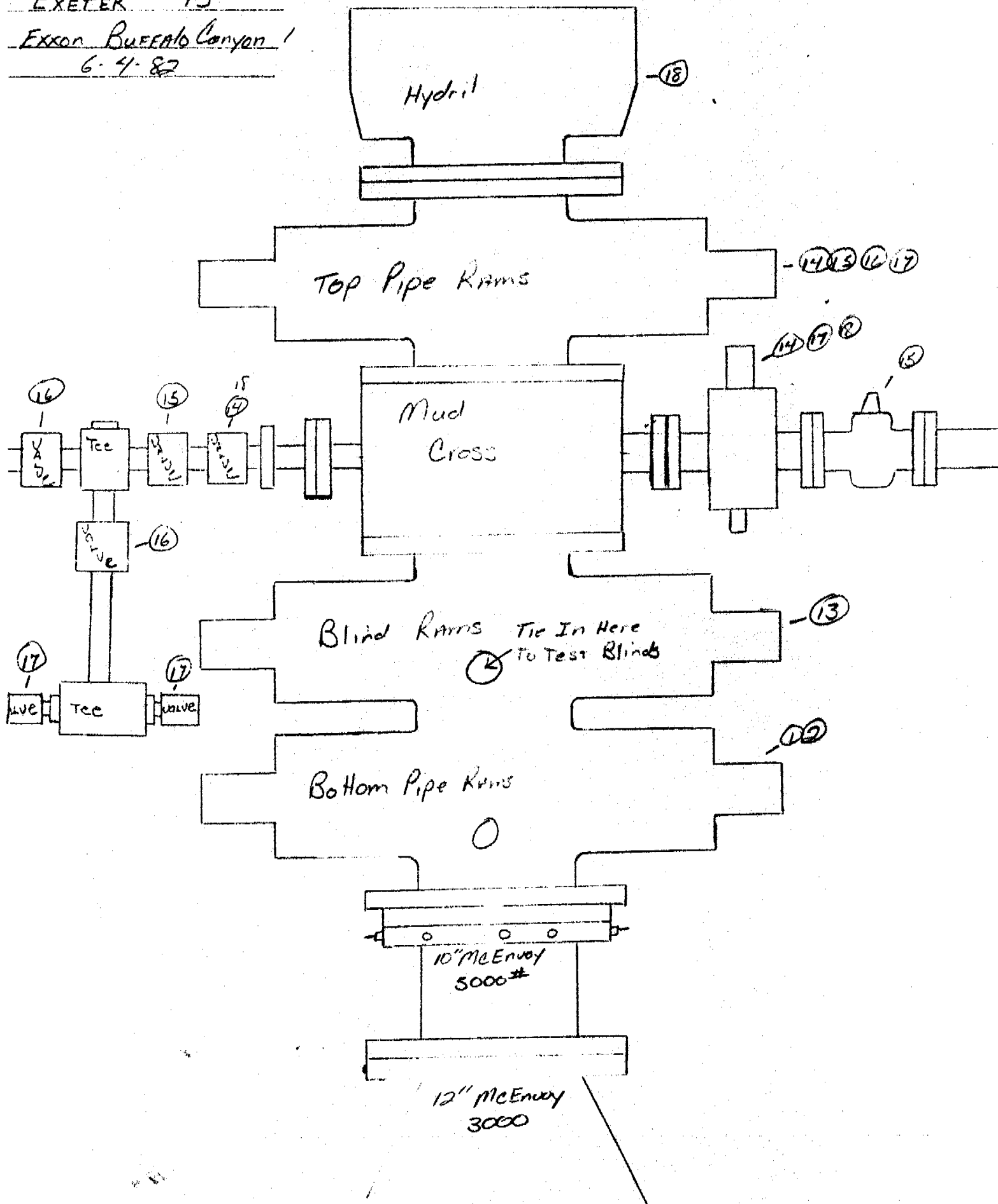




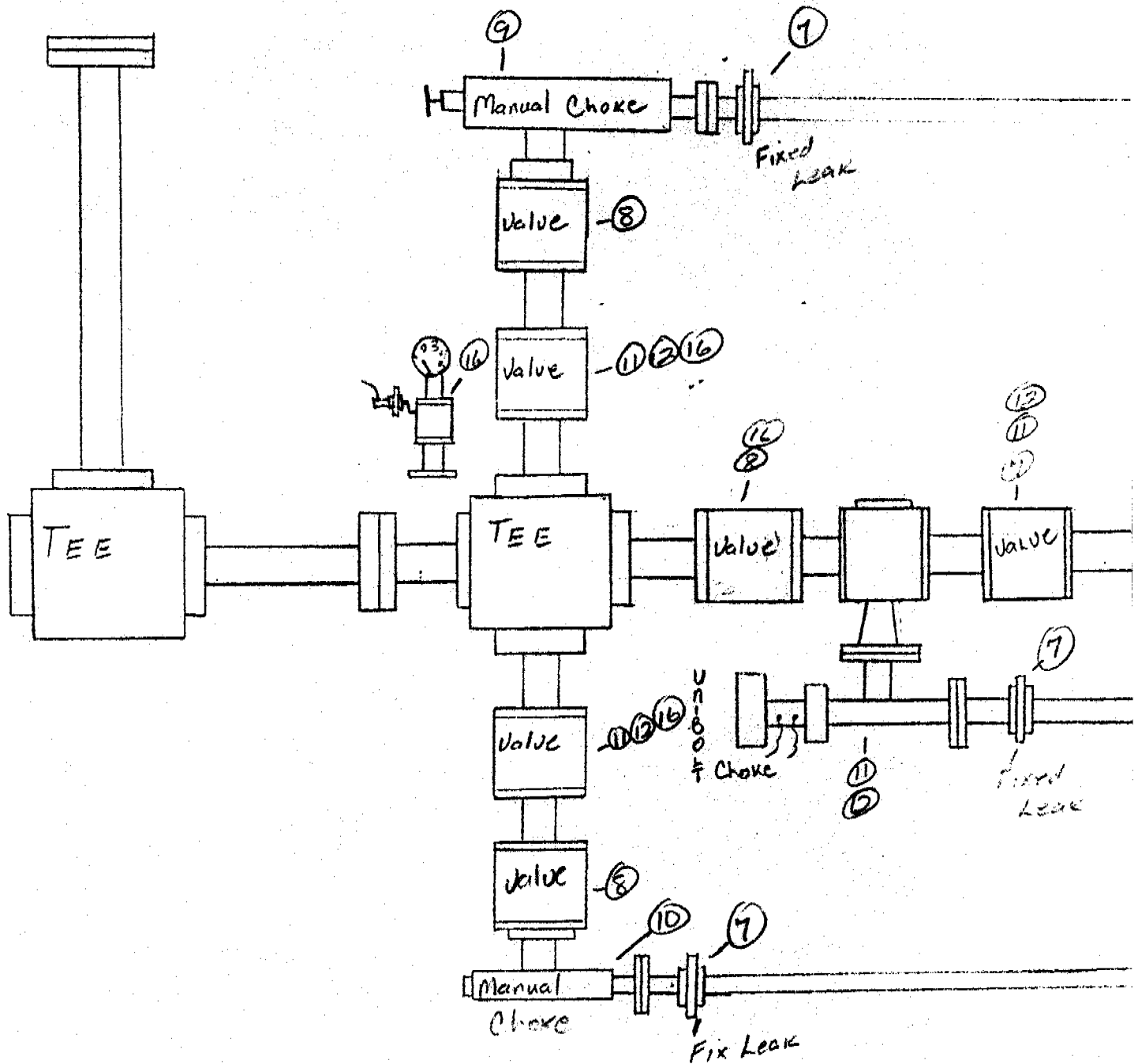
EXETER #43

EXXON Buffalo Canyon

6-4-82



EXETER #43
Exxon Buffalo Canyon 1
6-4-82



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

(FORM 9-329)

(2/76)

OMB 42-RO 356

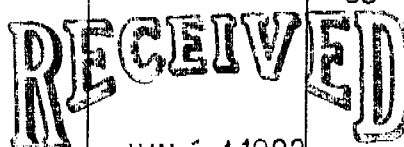
MONTHLY REPORT
OF
OPERATIONS

Lease No. U-646 *J.C.*
Communitization Agreement No. NA
Field Name Wildcat
Unit Name Buffalo Canyon (Pending)
Participating Area NA
County Wasatch State Utah
Operator Exxon Corporation
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of May, 1982

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
<u>Buffalo Canyon</u>									
1	13 NE/SE	5S	12W	XXXXXX	None	None	None	None	43-051-30012 Drlg @ 9843' in limestone, shale. Logged.
<div style="text-align: center;">  JUN 14 1982 DIVISION OF OIL, GAS & MINING </div>									
Orig & lcc:		MMS, 2000 Administration Building, 1745 West 1700 South, Salt Lake City, UT 84104							
2cc:		State of Utah, Natural Resources and Energy, Oil, Gas and Mining, 4241 State Office Bldg., Salt Lake City, UT 84114							
lcc:		Drilling Section							
lcc:		Central File	2cc:	Proration Specialist	lcc:	Western Exploration Division, Denver, CO			

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	NONE	NONE	NONE
*Sold	NONE	NONE	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXXXX
*Injected	NONE	NONE	NONE
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	NONE
*Other (Identify)	NONE	NONE	NONE
*On hand, End of Month	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	NONE	NONE	XXXXXXXXXXXXXXXXXX

Authorized Signature: Melva Knippling Address: P. O. Box 1600, Midland, TX 79702

Title: Unit Head

Page 1 of 1

Date Submitted: June 10, 1982

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-39646
Communitization Agreement No. NA
Field Name Wildcat
Unit Name Buffalo Canyon (Pending)
Participating Area NA
County Wasatch State Utah
Operator Exxon Corporation
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of June, 19 82

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
Buffalo Canyon									
1	13 NE/SE	5S	12W	DRG	None	None	None	None	Ran 9 5/8" casing Tst BOP's. Drlg. @ 11,659' in shale, siltstone.
Orig & lcc: MMS, 2000 Administration Building, 1745 West 1700 South, Salt Lake City, Utah 84104 2cc: State of Utah, Natural Resources and Energy, Oil, Gas and Mining, 4241 State Office Bldg., Salt Lake City, Utah 84114 lcc: Drilling Section lcc: Central File 2cc: Proration Specialist lcc: Western Exploration Division, Denver, CO									

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	NONE	NONE	NONE
*Sold	NONE	NONE	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXXXX
*Injected	NONE	NONE	NONE
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	NONE
*Other (Identify)	NONE	NONE	NONE
*On hand, End of Month	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	NONE	NONE	XXXXXXXXXXXXXXXXXX

Authorized Signature: Melba Knippling Address: P. O. Box 1600, Midland, TX 79702

Title: Unit Head Page 1 of 1

Date Submitted: July 9, 1982

COPY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 355

MONTHLY REPORT
OF
OPERATIONS

Lease No. U-39646
Communitization Agreement No. NA
Field Name Wildcat
Unit Name Buffalo Canyon (Pending)
Participating Area NA
County Wasatch State Utah
Operator Exxon Corporation
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of June, 19 82

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
Buffalo Canyon									
1	13 NE/SE	5S	12W	DRG	None	None	None	None	43-051-30012 Ran 9 5/8" casing Tst BOP's. Drlg. @ 11,659' in shale, siltstone.
Orig & lcc: MMS, 2000 Administration Building, 1745 West 1700 South, Salt Lake City, Utah 84104 2cc: State of Utah, Natural Resources and Energy, Oil, Gas and Mining, 4241 State Office Bldg., Salt Lake City, Utah 84114 1cc: Drilling Section 1cc: Central File 2cc: Proration Specialist lcc: Western Exploration Division, Denver, CO									

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced	NONE	NONE	NONE
*Sold	NONE	NONE	XXXXXXXXXXXXXXXXXX
*Spilled or Lost	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX	NONE	XXXXXXXXXXXXXXXXXX
*Used on Lease	NONE	NONE	XXXXXXXXXXXXXXXXXX
*Injected	NONE	NONE	NONE
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	NONE
*Other (Identify)	NONE	NONE	NONE
*On hand, End of Month	NONE	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content	NONE	NONE	XXXXXXXXXXXXXXXXXX

Authorized Signature: Melba Knippling Address: P. O. Box 1600, Midland, TX 79702

Title: Unit Head Page 1 of 1

Date Submitted: July 9, 1982

OR PROVAL TO PLUG AND ABANDON

Midland, Tx.

Operator EXXON COMPANY, USA Representative Bryan Collins (915-868-4340)
Buffalo Canyon
 Well No. Unit #1 Location NE ¼ SE ¼ Section 13 Township 5 S Range 12 S (USM)
 County Wasatch Field Wildcat State Utah

Unit Name and
 Required Depth _____ Base of fresh water sands _____

(Proposed) Size hole and Mud Weight
 T.D. 14,200' Fill per sack 8½ " and Top _____ #/gal. _____

Casing Size	Set At	Top of Cement	To Be Pulled	Plugging Requirements		
				From	To	Sacks Cement
<u>20</u>	<u>1353'</u>	<u>surface</u>		<u>13,670'</u>	<u>13,470'</u>	<u>200' plug</u>
				<u>(Top of Diamond Creek)</u>		
<u>13 3/8</u>	<u>5281</u>	<u>surface</u>				
<u>9 5/8</u>	<u>9920</u>	<u>7500 approx.</u>				
<u>Formation</u>	<u>Top</u>	<u>Base</u>	<u>Shows</u>	<u>11,815</u>	<u>11,615'</u>	<u>200' plug</u>
<u>Green</u>				<u>(Top of Park City)</u>		
<u>River</u>	<u>Surface</u>					
<u>Wasatch</u>	<u>5480</u>			<u>10,020'</u>	<u>9,820'</u>	<u>200' plug</u>
				<u>@ shoe of 9 5/8" casing)</u>		
<u>Park City</u>	<u>9380</u>					
<u>Unconformity</u>				<u>Perforate @ 5500'</u>		<u>300' plug inside &</u>
						<u>outside 9 5/8" csg.</u>
<u>Thayne</u>	<u>9932</u>					
<u>Woodside</u>	<u>10672</u>			<u>2700'</u>	<u>2,500'</u>	<u>200' plug</u>
<u>Park City</u>	<u>11715</u>			<u>50'</u>	<u>surface</u>	<u>Cement between</u>
						<u>casing strings.</u>
<u>Mead Peak</u>	<u>12561</u>					
<u>Diamond</u>				<u>@ surface w/marker</u>		<u>10 sacks</u>
<u>Creek</u>	<u>13570</u>					

REMARKS

DST's, lost circulation zones, water zones, etc., _____

Expect to TD at 14,200'. Will advise MMS of plugging program for inal approval.

Approved by R. J. Firth Date 8-6-82 Time _____ a.m.
 p.m.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐
well well

2. NAME OF OPERATOR
Exxon Corporation

3. ADDRESS OF OPERATOR
P.O. Box 1600, Midland, TX 79702

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1188' FEL & 1485' FSL of Section
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input checked="" type="checkbox"/>
(other)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Plugs were set as follows to plug and abandon the above well:

8-9-82

Plug 1: 13,469- 669' w/125 sx Cl. H
Plug 2: 11,611-11,811' w/200 sx Cl. H
Plug 3: 9,815-10,015' w/200 sx Cl. H
Plug 4: 7,894- 8,094' w/100 sx Cl. H

8-10-82

Plug 5: 5,195- 5,495' w/225 sx Cl. H
Plug 6: 2,496- 2,696' w/163 sx Cl. H

8-16-82

Plug 7: 0-100; w/75 sx Cl. H Install dry hole marker.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Charlotte Harper TITLE Unit Head DATE 8-23-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

5. LEASE

U - 39646

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Buffalo Canyon Unit

8. FARM OR LEASE NAME

Buffalo Canyon Unit

9. WELL NO.

1

10. FIELD OR WILDCAT NAME

Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 13, T5S, R12W

12. COUNTY OR PARISH

Wasatch

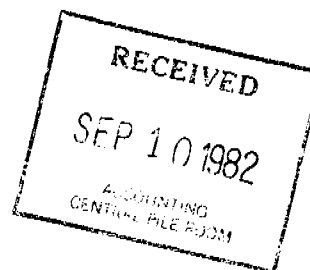
13. STATE

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
8816' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR
Exxon Corporation

3. ADDRESS OF OPERATOR
P.O. Box 1600, Midland, TX 79702

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 1188' FEL & 1485' FSL of Section
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☒
(other)

SUBSEQUENT REPORT OF:

☐
☐
☐
☐
☐
☐
☐
☐
☐

5. LEASE

U - 39646

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Buffalo Canyon Unit

8. FARM OR LEASE NAME
buffalo Canyon Unit

9. WELL NO.
1

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 13, T5S, R12W

12. COUNTY OR PARISH
Wasatch

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
8816' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Plugs will be set as follows to plug and abandon the above well:

8-9-82

Plug 1: 13,469- 669' w/125 sx C1. H

Plug 2: 11,611-11,811' w/200 sx C1. H

Plug 3: 9,815-10,015' w/200 sx C1. H

Plug 4: 7,894- 8,094' w/100 sx C1. H

8-10-82

Plug 5: 5,195- 5,495' w/225 sx C1. H

Plug 6: 2,496- 2,696' w/163 sx C1. H

8-16-82

Plug 7: 0-100' w/75 sx C1. H
Install dry hole marker.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Charles Harper TITLE Unit Head DATE 8-23-82

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. U - 39646	
2. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME ---	
3. NAME OF OPERATOR Exxon Corporation		7. UNIT AGREEMENT NAME Buffalo Canyon Unit	
4. ADDRESS OF OPERATOR P.O. Box 1600, Midland, TX 79701		8. FARM OR LEASE NAME Buffalo Canyon Unit	
9. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1188' FEL & 1485' FSL of Section At top prod. interval reported below At total depth		9. WELL NO. 1	
10. FIELD AND POOL, OR WILDCAT Wildcat		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 13, T5S, R12W	
12. PERMIT NO. 43-051-30012 SEP 10 1982 CENTRAL DISTRICT		12. COUNTY OR PARISH Wasatch	
13. STATE Utah		13. STATE Utah	
15. DATE SPUDDED 1-15-82	16. DATE T.D. REACHED 8-6-82	17. DATE COMPL. (Ready to prod.) P & A	18. ELEVATIONS (DF, RER, ST, GR, ETC.)* 8816' GR
20. TOTAL DEPTH, MD & TVD 14,201'	21. PLUG, BACK T.D., MD & TVD ---	22. IF MULTIPLE COMPL., HOW MANY? N/A	23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS ---
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* N/A			25. WAS DIRECTIONAL SURVEY MADE Yes
26. TYPE ELECTRIC AND OTHER LOGS RUN DL/Sonic, DIL/EDN, Dipmeter, OHC/GR, Velocity Survey			27. WAS WELL CORED No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
20"	94#	1352'	26"
13 3/8"	54.5, 61#	5282'	17 1/2"
9 5/8"	40#	9919'	12 1/2"
CEMENTING RECORD		AMOUNT PULLED	
1750 SX CL. G		---	
3600 SX CL. H		---	
800 SX CL. H		---	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	PACKER SET (MD)
N/A			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
N/A			
31. PERFORATION RECORD (Interval, size and number)			
N/A			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
N/A			
33. PRODUCTION			
DATE FIRST PRODUCTION P & A as dry hole 8-16-82		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)	
WELL STATUS (Producing or shut-in)			
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL. GAS--MCF. WATER--BBL. OIL GRAVITY-API (CORR.)
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
TEST WITNESSED BY			
35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Charlotte Harper</u>		TITLE <u>Accountant</u>	
DATE <u>8-23-82</u>			

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 88, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 86.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 16: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 32: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CURSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND DISCOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
No DST's run No significant show zones encountered				Green River	Surface	
				Wasatch	5,490	5,488
				Woodside	8,360	8,353
				Park City	9,380	9,363
				Thaynes	9,930	9,901
				Woodside	10,670	10,614
				Park City	11,715	11,592
				Meade Peak	12,562	12,390
				Grandeur	12,801	12,617
				Diamond	13,570	13,363
				Creek		
				Kirkman	14,005	13,792



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

March 8, 1983

Exxon Corporation
P. O. Box 1600
Midland, Texas 79702

Re: Well No. Onion Creek Federal # 1
Sec. 18, T. 24S, R. 25E.
Grand County, Utah

Well No. Buffalo Canyon Unit # 1
Sec. 13, T. 5S, R. 12W.
Wasatch County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned wells are due and have not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

We will be happy to acknowledge receipt of response to this notice if you will include an extra copy of the transmittal letter with a place for our signature, and a self addressed envelope for the return. Such acknowledgement should avoid unnecessary mailing of a firm second notice from our agency.

Your prompt attention to the above will be greatly appreciated.

Respectfully,

DIVISION OF OIL, GAS AND MINING

Cari Furse
Well Records Specialist

CF/cf
Enclosure

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		FEB 25 1985		2. LEASE DESIGNATION AND SERIAL NO. H-39646	
2. NAME OF OPERATOR Exxon Corporation Attn: Melba Knipling				3. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P. O. Box 1600, Midland, Texas 79702				7. UPPY AGREEMENT NAME Buffalo Canyon Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1188' FEL and 1485' FSL of Section				8. FARM OR LEASE NAME Buffalo Canyon Unit	
14. PERMIT NO.				9. WELL NO. 1	
15. ELEVATIONS (Show whether OF, TO, OR, etc.) 8816' GR				10. FIELD AND POOL, OR WILDCAT Wildcat	
				11. SEC. T., R., M., OR S.W. AND SURVEY OR LANA Sec. 13, T5S, R12W	
				12. COUNTY OR PARISH Wasatch	
				13. STATE Utah	

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACUTURE TREAT	<input type="checkbox"/>	FRACUTURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other) Location release	<input checked="" type="checkbox"/>
(Other)	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	
PULL OR ALTER CASING	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
CHANGE PLANS	<input type="checkbox"/>		

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

The location was cleaned up on 7-28-83 and the site was reseeded on 7-30-83 The site is ready for inspection so that Exxon may be released from the location.

18. I hereby certify that the foregoing is true and correct.

SIGNED Melba Knipling TITLE Unit Head DATE 2-4-85

This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: